

Safety Data Sheet

OSHA-compliant

Section 1: IDENTIFICATION:

Product name: Crystalline Powder
Model: 60175
Generic Description: Children's Toys
Manufacturer: JOYIN US CORP
Address: 315 W Elliot Rd #107-168 Tempe, AZ 85284
E-mail: zhaishuhong@joyintoy.cn
Telephone: 1-623-252-5829

Section 2: HAZARD(S) IDENTIFICATION:

Emergency Overview: may cause eye and skin irritation. Do not inhale. May cause respiratory tract irritation. Do not swallow. May cause digestive tract irritation, nausea, vomiting, and diarrhea. Primary routes of exposure: Eye, skin, inhalation (breathing)

In case of accident or if you feel unwell seek medical advice immediately

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable clothing, gloves and eye/face protection.

Do not breathe vapor.

Section 3: COMPOSITION/ INFORMATION ON INGREDIENTS:

Chemical Name	CAS	Conentent (%)
Monoammonium phosphate	7722-76-1	98
Quinacridone	1047-16-1	2

Section 4: FIRST AID MEASURES:

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact: If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water. Remove contaminated clothing. Get prompt medical attention if irritation persists. Professionally wash contaminated clothing separately before re-use.

Inhalation: Remove fresh air. If breathing is distressed – provide oxygen. Perform artificial respiration if not breathing. Get medical attention if cough or other symptoms develop.

Ingestion: If swallowed, get immediate medical attention. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.

Section 5: FIRE FIGHTING MEASURES:

Flash point: >158°C (316,4°F)

Method: Set flash closed cup

Explosive limits: LEL (%) Not determined; UEL (%) Not determined.

Auto ignition: Not determined.

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Fire and explosion hazards: High temperatures can cause sealed containers to rupture due to a build up of internal pressure. Cool with water. Vapors can travel to a source of ignition (Flame, Electric motor, hot surface, cigarette, ect) and flash back.

During a fire, irritating and toxic gases may be generated during combustion or decomposition.

Extinguishing media: For small fire, use dry chemical, carbon dioxide, halon, or foam. For large fires, use fog, or alcohol foam.

Fire fighting procedures/ equipment: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH_OSHA approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

Section 6: ACCIDENTAL RELEASE MEASURES:

Evacuation: Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all sources of ignition.

Containment: Safely stop discharge. Contain material, as necessary, with a dike or barrier. If a substantial quantity is spilled, recover with pump or vacuum truck. Use an absorbent such as fuller's earth, clay, or other appropriate synthetic absorbent. Place contaminated material in suitable container for disposal. Appropriate safety measures and protective equipment should be used. Stop material from contaminating soil, or from entering sewers or bodies of water.

Clean – up/Personal protection equipment: Appropriate safety measures and protective equipment should be used. Use supplied air respirator or self-containing breathing apparatus in enclosed spaces or if airborne exposure limits can be exceeded.

Collection and Disposal: Stop discharge, if safe to do so. Use proper protective equipment. Use non-sparking tools and/ or explosion – Proof equipment. Stop ignition sources. Cover spills with absorbent clay or sawdust and place in closed chemical waste containers. Dispose of according to applicable local, state and federal regulations.

Reporting: Spills of this material in excess of a component's RQ must be reported to the National Response Center(1800-4248802) and to the appropriate state and local emergency response organizations.

Section 7: HANDLING AND STORAGE:

Storage conditions: Store in cool, dry, well-ventilated area away from heat, ignition sources, and direct sunlight. Keep containers tightly closed.

Personal hygiene: If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water. Wash thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Wash contaminated goggles, face shield, and gloves. Wash contaminated clothing before re-use.

Empty container precautions: This container may be hazardous when empty. Do not use heat, sparks, open flames, torches, and cigarettes on or near empty container.

Section 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Eye protection: Wear protective clothing and appropriate impervious gloves. If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water.

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Respiratory protection: Use NIOSH-OSHA approved self-contained breathing apparatus or vapor cartridge respirator (must be worn if PEL and TLV levels are exceeded)

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Powder
Physical state: Solid
PH value: Not applicable
Odor: No odor
Solubility: Partially soluble
Boiling Point: >208°C (406.4°F)
% Volatiles: 0.0%
Specific gravity:>.93 – 0.99

Section 10: STABILITY AND REACTIVITY:

Chemical stability: Stable under normal conditions of use
Corrosion to metals: No corrosive effect on metal.
Hazardous polymerization: Will not occur
Conditions to avoid: High temperatures
May react with reducing agents to liberate free or aromatic amines.

Section 11: TOXICOLOGICAL INFORMATION:

Acute Toxicity

Assessment of acute toxicity:
Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation. Virtually nontoxic after a single ingestion. Not drink.

Carcinogenicity

Assessment of carcinogenicity:
The chemical structure does not suggest a specific alert for such an effect.

Aspiration hazard

No aspiration hazard expected.

Other relevant toxicity information

The product has not been tested. The statement has been derived from products of a similar structure or composition.

Section 12: ECOLOGICAL INFORMATION

Toxicity

Assessment of aquatic toxicity:
There is a high probability that the product is not acutely harmful to aquatic organisms.

Persistence and degradability

Assessment biodegradation and elimination (H₂O): Poorly biodegradable.
Elimination information: Poorly biodegradable.

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Bioaccumulative potential

Assessment bioaccumulation potential: Does not significantly accumulate in organisms.

Section 13: DISPOSAL CONSIDERATIONS:

Dispose and transport in accordance with all local, state, and federal regulations, and around the world.

Section 14: TRANSPORT INFORMATION:

Land transport

ADR: Not classified as a dangerous good under transport regulations

RID: Not classified as a dangerous good under transport regulations

Inland waterway transport

AND: Not classified as a dangerous good under transport regulations

Sea transport

IMDG: Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO: Not classified as a dangerous good under transport regulations

Section 15: REGULATORY INFORMATION:

SARA Title III - Section 311/312 - Hazard Categories:

N – Fire hazard

N – Sudden release of pressure hazard

N – Reactivity hazard

Y – Immediate (acute) health hazard

Y – Delayed (chronic) health hazard

This product does not contain any Section 313 reportable ingredients.

Shipping Regulations – Not regulated by the DOT, IATA, IMDG

Section 16: OTHER INFORMATION:

Created: /1/2023

Use's responsibility: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions – in addition to those described herein – are required. Any health hazard and safety information herein should be passed on to customers or employees.

Disclaimer of Liability: The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exists. Final determination of suitability of the chemical is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.

** HMIS Personal Protection X – check with your manager for the local S.O.P handling instructions*

Safety Data Sheet

OSHA-compliant

Section 1: IDENTIFICATION:

Product name: Baking Soda
Model: 60175
Generic Description: Children's Toys
Manufacturer: JOYIN US CORP
Address: 315 W Elliot Rd #107-168 Tempe, AZ 85284
E-mail: zhaishuhong@joyintoy.cn
Telephone: 1-623-252-5829

Section 2: HAZARD(S) IDENTIFICATION:

Emergency Overview: may cause eye and skin irritation. Do not inhale. May cause respiratory tract irritation. Do not swallow. May cause digestive tract irritation, nausea, vomiting, and diarrhea. Primary routes of exposure: Eye, skin, inhalation (breathing)

In case of accident or if you feel unwell seek medical advice immediately

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable clothing, gloves and eye/face protection.

Do not breathe vapor.

Section 3: COMPOSITION/ INFORMATION ON INGREDIENTS:

Chemical Name	CAS	Conentent (%)
Sodium Bicarbonate	144-55-8	100

Section 4: FIRST AID MEASURES:

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact: If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water. Remove contaminated clothing. Get prompt medical attention if irritation persists. Professionally wash contaminated clothing separately before re-use.

Inhalation: Remove fresh air. If breathing is distressed – provide oxygen. Perform artificial respiration if not breathing. Get medical attention if cough or other symptoms develop.

Ingestion: If swallowed, get immediate medical attention. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.

Section 5: FIRE FIGHTING MEASURES:

Flash point: >158°C (316,4°F)

Method: Set flash closed cup

Explosive limits: LEL (%) Not determined; UEL (%) Not determined.

Auto ignition: Not determined.

Fire and explosion hazards: High temperatures can cause sealed containers to rupture due to a build up of internal pressure. Cool with water. Vapors can travel to a source of ignition (Flame, Electric motor, hot surface, cigarette, etc) and flash back.

Safety Data Sheet

OSHA-compliant

During a fire, irritating and toxic gases may be generated during combustion or decomposition.

Extinguishing media: For small fire, use dry chemical, carbon dioxide, halon, or foam. For large fires, use fog, or alcohol foam.

Fire fighting procedures/ equipment: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH_OSHA approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

Section 6: ACCIDENTAL RELEASE MEASURES:

Evacuation: Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all sources of ignition.

Containment: Safely stop discharge. Contain material, as necessary, with a dike or barrier. If a substantial quantity is spilled, recover with pump or vacuum truck. Use an absorbent such as fuller's earth, clay, or other appropriate synthetic absorbent. Place contaminated material in suitable container for disposal. Appropriate safety measures and protective equipment should be used. Stop material from contaminating soil, or from entering sewers or bodies of water.

Clean – up/Personal protection equipment: Appropriate safety measures and protective equipment should be used. Use supplied air respirator or self-containing breathing apparatus in enclosed spaces or if airborne exposure limits can be exceeded.

Collection and Disposal: Stop discharge, if safe to do so. Use proper protective equipment. Use non-sparking tools and/ or explosion – Proof equipment. Stop ignition sources. Cover spills with absorbent clay or sawdust and place in closed chemical waste containers. Dispose of according to applicable local, state and federal regulations.

Reporting: Spills of this material in excess of a component's RQ must be reported to the National Response Center(1800-4248802) and to the appropriate state and local emergency response organizations.

Section 7: HANDLING AND STORAGE:

Storage conditions: Store in cool, dry, well-ventilated area away from heat, ignition sources, and direct sunlight. Keep containers tightly closed.

Personal hygiene: If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water. Wash thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Wash contaminated goggles, face shield, and gloves. Wash contaminated clothing before re-use.

Empty container precautions: This container may be hazardous when empty. Do not use heat, sparks, open flames, torches, and cigarettes on or near empty container.

Section 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Eye protection: Wear protective clothing and appropriate impervious gloves. If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water.

Respiratory protection: Use NIOSH-OSHA approved self-contained breathing apparatus or vapor cartridge respirator (must be worn if PEL and TLV levels are exceeded)

Safety Data Sheet

OSHA-compliant

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Powder
Physical state: Solid
PH value: Not applicable
Odor: No odor
Solubility: Completely soluble
Boiling Point: >208°C (406.4°F)
% Volatiles: 0.0%
Specific gravity:>.93 – 0.99

Section 10: STABILITY AND REACTIVITY:

Chemical stability: Stable under normal conditions of use
Corrosion to metals: No corrosive effect on metal.
Hazardous polymerization: Will not occur
Conditions to avoid: High temperatures
May react with reducing agents to liberate free or aromatic amines.

Section 11: TOXICOLOGICAL INFORMATION:

Acute Toxicity

Assessment of acute toxicity:
Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation. Virtually nontoxic after a single ingestion. Not drink.

Carcinogenicity

Assessment of carcinogenicity:
The chemical structure does not suggest a specific alert for such an effect.

Aspiration hazard

No aspiration hazard expected.

Other relevant toxicity information

The product has not been tested. The statement has been derived from products of a similar structure or composition.

Section 12: ECOLOGICAL INFORMATION

Toxicity

Assessment of aquatic toxicity:
There is a high probability that the product is not acutely harmful to aquatic organisms.

Persistence and degradability

Assessment biodegradation and elimination (H₂O): Poorly biodegradable.
Elimination information: Poorly biodegradable.

Bioaccumulative potential

Assessment bioaccumulation potential: Does not significantly accumulate in organisms.

Safety Data Sheet

OSHA-compliant

Section 13: DISPOSAL CONSIDERATIONS:

Dispose and transport in accordance with all local, state, and federal regulations, and around the world.

Section 14: TRANSPORT INFORMATION:

Land transport

ADR: Not classified as a dangerous good under transport regulations

RID: Not classified as a dangerous good under transport regulations

Inland waterway transport

AND: Not classified as a dangerous good under transport regulations

Sea transport

IMDG: Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO: Not classified as a dangerous good under transport regulations

Section 15: REGULATORY INFORMATION:

SARA Title III - Section 311/312 - Hazard Categories:

N – Fire hazard

N – Sudden release of pressure hazard

N – Reactivity hazard

Y – Immediate (acute) health hazard

Y – Delayed (chronic) health hazard

This product does not contain any Section 313 reportable ingredients.

Shipping Regulations – Not regulated by the DOT, IATA, IMDG

Section 16: OTHER INFORMATION:

Created: /1/2023

Use's responsibility: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions – in addition to those described herein – are required. Any health hazard and safety information herein should be passed on to customers or employees.

Disclaimer of Liability: The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.

** HMIS Personal Protection X – check with your manager for the local S.O.P handling instructions*

Safety Data Sheet

OSHA-compliant

Section 1: IDENTIFICATION:

Product name: Calcium lactate
Model: 60175
Generic Description: Children's Toys
Manufacturer: JOYIN US CORP
Address: 315 W Elliot Rd #107-168 Tempe, AZ 85284
E-mail: zhaishuhong@joyintoy.cn
Telephone: 1-623-252-5829

Section 2: HAZARD(S) IDENTIFICATION:

Emergency Overview: may cause eye and skin irritation. Do not inhale. May cause respiratory tract irritation. Do not swallow. May cause digestive tract irritation, nausea, vomiting, and diarrhea. Primary routes of exposure: Eye, skin, inhalation (breathing)

In case of accident or if you feel unwell seek medical advice immediately

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable clothing, gloves and eye/face protection.

Do not breathe vapor.

Section 3: COMPOSITION/ INFORMATION ON INGREDIENTS:

Chemical Name	CAS	Conentent (%)
Calcium lactate	814-80-2	100

Section 4: FIRST AID MEASURES:

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact: If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water. Remove contaminated clothing. Get prompt medical attention if irritation persists. Professionally wash contaminated clothing separately before re-use.

Inhalation: Remove fresh air. If breathing is distressed – provide oxygen. Perform artificial respiration if not breathing. Get medical attention if cough or other symptoms develop.

Ingestion: If swallowed, get immediate medical attention. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.

Section 5: FIRE FIGHTING MEASURES:

Flash point: >158°C (316,4°F)

Method: Set flash closed cup

Explosive limits: LEL (%) Not determined; UEL (%) Not determined.

Auto ignition: Not determined.

Fire and explosion hazards: High temperatures can cause sealed containers to rupture due to a build up of internal pressure. Cool with water. Vapors can travel to a source of ignition (Flame, Electric motor, hot surface, cigarette, etc) and flash back.

Safety Data Sheet

OSHA-compliant

During a fire, irritating and toxic gases may be generated during combustion or decomposition.

Extinguishing media: For small fire, use dry chemical, carbon dioxide, halon, or foam. For large fires, use fog, or alcohol foam.

Fire fighting procedures/ equipment: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH_OSHA approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

Section 6: ACCIDENTAL RELEASE MEASURES:

Evacuation: Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all sources of ignition.

Containment: Safely stop discharge. Contain material, as necessary, with a dike or barrier. If a substantial quantity is spilled, recover with pump or vacuum truck. Use an absorbent such as fuller's earth, clay, or other appropriate synthetic absorbent. Place contaminated material in suitable container for disposal. Appropriate safety measures and protective equipment should be used. Stop material from contaminating soil, or from entering sewers or bodies of water.

Clean – up/Personal protection equipment: Appropriate safety measures and protective equipment should be used. Use supplied air respirator or self-containing breathing apparatus in enclosed spaces or if airborne exposure limits can be exceeded.

Collection and Disposal: Stop discharge, if safe to do so. Use proper protective equipment. Use non-sparking tools and/ or explosion – Proof equipment. Stop ignition sources. Cover spills with absorbent clay or sawdust and place in closed chemical waste containers. Dispose of according to applicable local, state and federal regulations.

Reporting: Spills of this material in excess of a component's RQ must be reported to the National Response Center(1800-4248802) and to the appropriate state and local emergency response organizations.

Section 7: HANDLING AND STORAGE:

Storage conditions: Store in cool, dry, well-ventilated area away from heat, ignition sources, and direct sunlight. Keep containers tightly closed.

Personal hygiene: If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water. Wash thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Wash contaminated goggles, face shield, and gloves. Wash contaminated clothing before re-use.

Empty container precautions: This container may be hazardous when empty. Do not use heat, sparks, open flames, torches, and cigarettes on or near empty container.

Section 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Eye protection: Wear protective clothing and appropriate impervious gloves. If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water.

Respiratory protection: Use NIOSH-OSHA approved self-contained breathing apparatus or vapor cartridge respirator (must be worn if PEL and TLV levels are exceeded)

Safety Data Sheet

OSHA-compliant

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Powder
Physical state: Solid
PH value: Not applicable
Odor: No odor
Solubility: Partially soluble
Boiling Point: >208°C (406.4°F)
% Volatiles: 0.0%
Specific gravity:>.93 – 0.99

Section 10: STABILITY AND REACTIVITY:

Chemical stability: Stable under normal conditions of use
Corrosion to metals: No corrosive effect on metal.
Hazardous polymerization: Will not occur
Conditions to avoid: High temperatures
May react with reducing agents to liberate free or aromatic amines.

Section 11: TOXICOLOGICAL INFORMATION:

Acute Toxicity

Assessment of acute toxicity:
Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation. Virtually nontoxic after a single ingestion. Not drink.

Carcinogenicity

Assessment of carcinogenicity:
The chemical structure does not suggest a specific alert for such an effect.

Aspiration hazard

No aspiration hazard expected.

Other relevant toxicity information

The product has not been tested. The statement has been derived from products of a similar structure or composition.

Section 12: ECOLOGICAL INFORMATION

Toxicity

Assessment of aquatic toxicity:
There is a high probability that the product is not acutely harmful to aquatic organisms.

Persistence and degradability

Assessment biodegradation and elimination (H₂O): Poorly biodegradable.
Elimination information: Poorly biodegradable.

Bioaccumulative potential

Assessment bioaccumulation potential: Does not significantly accumulate in organisms.

Safety Data Sheet

OSHA-compliant

Section 13: DISPOSAL CONSIDERATIONS:

Dispose and transport in accordance with all local, state, and federal regulations, and around the world.

Section 14: TRANSPORT INFORMATION:

Land transport

ADR: Not classified as a dangerous good under transport regulations

RID: Not classified as a dangerous good under transport regulations

Inland waterway transport

AND: Not classified as a dangerous good under transport regulations

Sea transport

IMDG: Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO: Not classified as a dangerous good under transport regulations

Section 15: REGULATORY INFORMATION:

SARA Title III - Section 311/312 - Hazard Categories:

N – Fire hazard

N – Sudden release of pressure hazard

N – Reactivity hazard

Y – Immediate (acute) health hazard

Y – Delayed (chronic) health hazard

This product does not contain any Section 313 reportable ingredients.

Shipping Regulations – Not regulated by the DOT, IATA, IMDG

Section 16: OTHER INFORMATION:

Created: /1/2023

Use's responsibility: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions – in addition to those described herein – are required. Any health hazard and safety information herein should be passed on to customers or employees.

Disclaimer of Liability: The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.

** HMIS Personal Protection X – check with your manager for the local S.O.P handling instructions*

Safety Data Sheet

OSHA-compliant

Section 1: IDENTIFICATION:

Product name: Candle
Model: 60175
Generic Description: Children's Toys
Manufacturer: JOYIN US CORP
Address: 315 W Elliot Rd #107-168 Tempe, AZ 85284
E-mail: zhaishuhong@joyintoy.cn
Telephone: 1-623-252-5829

Section 2: HAZARD(S) IDENTIFICATION:

Emergency Overview: may cause eye and skin irritation. Do not inhale. May cause respiratory tract irritation. Do not swallow. May cause digestive tract irritation, nausea, vomiting, and diarrhea. Primary routes of exposure: Eye, skin, inhalation (breathing)

In case of accident or if you feel unwell seek medical advice immediately

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable clothing, gloves and eye/face protection.

Do not breathe vapor.

Section 3: COMPOSITION/ INFORMATION ON INGREDIENTS:

Chemical Name	CAS	Conentent (%)
Paraffin waxes and Hydrocarbon waxes	8002-74-2	100

Section 4: FIRST AID MEASURES:

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact: If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water. Remove contaminated clothing. Get prompt medical attention if irritation persists. Professionally wash contaminated clothing separately before re-use.

Inhalation: Remove fresh air. If breathing is distressed – provide oxygen. Perform artificial respiration if not breathing. Get medical attention if cough or other symptoms develop.

Ingestion: If swallowed, get immediate medical attention. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.

Section 5: FIRE FIGHTING MEASURES:

Flash point: >158°C (316,4°F)

Method: Set flash closed cup

Explosive limits: LEL (%) Not determined; UEL (%) Not determined.

Auto ignition: Not determined.

Safety Data Sheet

OSHA-compliant

Fire and explosion hazards: High temperatures can cause sealed containers to rupture due to a build up of internal pressure. Cool with water. Vapors can travel to a source of ignition (Flame, Electric motor, hot surface, cigarette, ect) and flash back.

During a fire, irritating and toxic gases may be generated during combustion or decomposition.

Extinguishing media: For small fire, use dry chemical, carbon dioxide, halon, or foam. For large fires, use fog, or alcohol foam.

Fire fighting procedures/ equipment: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH_OSHA approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

Section 6: ACCIDENTAL RELEASE MEASURES:

Evacuation: Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all sources of ignition.

Containment: Safely stop discharge. Contain material, as necessary, with a dike or barrier. If a substantial quantity is spilled, recover with pump or vacuum truck. Use an absorbent such as fuller's earth, clay, or other appropriate synthetic absorbent. Place contaminated material in suitable container for disposal. Appropriate safety measures and protective equipment should be used. Stop material from contaminating soil, or from entering sewers or bodies of water.

Clean – up/Personal protection equipment: Appropriate safety measures and protective equipment should be used. Use supplied air respirator or self-containing breathing apparatus in enclosed spaces or if airborne exposure limits can be exceeded.

Collection and Disposal: Stop discharge, if safe to do so. Use proper protective equipment. Use non-sparking tools and/ or explosion – Proof equipment. Stop ignition sources. Cover spills with absorbent clay or sawdust and place in closed chemical waste containers. Dispose of according to applicable local, state and federal regulations.

Reporting: Spills of this material in excess of a component's RQ must be reported to the National Response Center(1800-4248802) and to the appropriate state and local emergency response organizations.

Section 7: HANDLING AND STORAGE:

Storage conditions: Store in cool, dry, well-ventilated area away from heat, ignition sources, and direct sunlight. Keep containers tightly closed.

Personal hygiene: If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water. Wash thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Wash contaminated goggles, face shield, and gloves. Wash contaminated clothing before re-use.

Empty container precautions: This container may be hazardous when empty. Do not use heat, sparks, open flames, torches, and cigarettes on or near empty container.

Section 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Eye protection: Wear protective clothing and appropriate impervious gloves. If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water.

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OSHA-compliant

Respiratory protection: Use NIOSH-OSHA approved self-contained breathing apparatus or vapor cartridge respirator (must be worn if PEL and TLV levels are exceeded)

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Cylinder
Physical state: Solid
PH value: Not applicable
Odor: No odor
Solubility: Insoluble
Boiling Point: >150°C (302°F)
% Volatiles: 0.0%
Specific gravity:>.93 – 0.99

Section 10: STABILITY AND REACTIVITY:

Chemical stability: Stable under normal conditions of use
Corrosion to metals: No corrosive effect on metal.
Hazardous polymerization: Will not occur
Conditions to avoid: High temperatures
May react with reducing agents to liberate free or aromatic amines.

Section 11: TOXICOLOGICAL INFORMATION:

Acute Toxicity

Assessment of acute toxicity:
Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation. Virtually nontoxic after a single ingestion. Not drink.

Carcinogenicity

Assessment of carcinogenicity:
The chemical structure does not suggest a specific alert for such an effect.

Aspiration hazard

No aspiration hazard expected.

Other relevant toxicity information

The product has not been tested. The statement has been derived from products of a similar structure or composition.

Section 12: ECOLOGICAL INFORMATION

Toxicity

Assessment of aquatic toxicity:
There is a high probability that the product is not acutely harmful to aquatic organisms.

Persistence and degradability

Assessment biodegradation and elimination (H₂O): Poorly biodegradable.
Elimination information: Poorly biodegradable.

Safety Data Sheet

OSHA-compliant

Bioaccumulative potential

Assessment bioaccumulation potential: Does not significantly accumulate in organisms.

Section 13: DISPOSAL CONSIDERATIONS:

Dispose and transport in accordance with all local, state, and federal regulations, and around the world.

Section 14: TRANSPORT INFORMATION:

Land transport

ADR: Not classified as a dangerous good under transport regulations

RID: Not classified as a dangerous good under transport regulations

Inland waterway transport

AND: Not classified as a dangerous good under transport regulations

Sea transport

IMDG: Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO: Not classified as a dangerous good under transport regulations

Section 15: REGULATORY INFORMATION:

SARA Title III - Section 311/312 - Hazard Categories:

N – Fire hazard

N – Sudden release of pressure hazard

N – Reactivity hazard

Y – Immediate (acute) health hazard

Y – Delayed (chronic) health hazard

This product does not contain any Section 313 reportable ingredients.

Shipping Regulations – Not regulated by the DOT, IATA, IMDG

Section 16: OTHER INFORMATION:

Created: /1/2023

Use's responsibility: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions – in addition to those described herein – are required. Any health hazard and safety information herein should be passed on to customers or employees.

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** HMIS Personal Protection X – check with your manager for the local S.O.P handling instructions*

Safety Data Sheet

OSHA-compliant

Section 1: IDENTIFICATION:

Product name: Citric Acid
Model: 60175
Generic Description: Children's Toys
Manufacturer: JOYIN US CORP
Address: 315 W Elliot Rd #107-168 Tempe, AZ 85284
E-mail: zhaishuhong@joyintoy.cn
Telephone: 1-623-252-5829

Section 2: HAZARD(S) IDENTIFICATION:

Emergency Overview: may cause eye and skin irritation. Do not inhale. May cause respiratory tract irritation. Do not swallow. May cause digestive tract irritation, nausea, vomiting, and diarrhea. Primary routes of exposure: Eye, skin, inhalation (breathing)

In case of accident or if you feel unwell seek medical advice immediately

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable clothing, gloves and eye/face protection.

Do not breathe vapor.

Section 3: COMPOSITION/ INFORMATION ON INGREDIENTS:

Chemical Name	CAS	Conentent (%)
Citric acid monohydrate	5949-29-1	100

Section 4: FIRST AID MEASURES:

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact: If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water. Remove contaminated clothing. Get prompt medical attention if irritation persists. Professionally wash contaminated clothing separately before re-use.

Inhalation: Remove fresh air. If breathing is distressed – provide oxygen. Perform artificial respiration if not breathing. Get medical attention if cough or other symptoms develop.

Ingestion: If swallowed, get immediate medical attention. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.

Section 5: FIRE FIGHTING MEASURES:

Flash point: >158°C (316,4°F)

Method: Set flash closed cup

Explosive limits: LEL (%) Not determined; UEL (%) Not determined.

Auto ignition: Not determined.

Fire and explosion hazards: High temperatures can cause sealed containers to rupture due to a build up of internal pressure. Cool with water. Vapors can travel to a source of ignition (Flame, Electric motor, hot surface, cigarette, etc) and flash back.

Safety Data Sheet

OSHA-compliant

During a fire, irritating and toxic gases may be generated during combustion or decomposition.

Extinguishing media: For small fire, use dry chemical, carbon dioxide, halon, or foam. For large fires, use fog, or alcohol foam.

Fire fighting procedures/ equipment: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH_OSHA approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

Section 6: ACCIDENTAL RELEASE MEASURES:

Evacuation: Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all sources of ignition.

Containment: Safely stop discharge. Contain material, as necessary, with a dike or barrier. If a substantial quantity is spilled, recover with pump or vacuum truck. Use an absorbent such as fuller's earth, clay, or other appropriate synthetic absorbent. Place contaminated material in suitable container for disposal. Appropriate safety measures and protective equipment should be used. Stop material from contaminating soil, or from entering sewers or bodies of water.

Clean – up/Personal protection equipment: Appropriate safety measures and protective equipment should be used. Use supplied air respirator or self-containing breathing apparatus in enclosed spaces or if airborne exposure limits can be exceeded.

Collection and Disposal: Stop discharge, if safe to do so. Use proper protective equipment. Use non-sparking tools and/ or explosion – Proof equipment. Stop ignition sources. Cover spills with absorbent clay or sawdust and place in closed chemical waste containers. Dispose of according to applicable local, state and federal regulations.

Reporting: Spills of this material in excess of a component's RQ must be reported to the National Response Center(1800-4248802) and to the appropriate state and local emergency response organizations.

Section 7: HANDLING AND STORAGE:

Storage conditions: Store in cool, dry, well-ventilated area away from heat, ignition sources, and direct sunlight. Keep containers tightly closed.

Personal hygiene: If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water. Wash thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Wash contaminated goggles, face shield, and gloves. Wash contaminated clothing before re-use.

Empty container precautions: This container may be hazardous when empty. Do not use heat, sparks, open flames, torches, and cigarettes on or near empty container.

Section 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Eye protection: Wear protective clothing and appropriate impervious gloves. If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water.

Respiratory protection: Use NIOSH-OSHA approved self-contained breathing apparatus or vapor cartridge respirator (must be worn if PEL and TLV levels are exceeded)

Safety Data Sheet

OSHA-compliant

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Powder
Physical state: Solid
PH value: Not applicable
Odor: No odor
Solubility: Completely soluble
Boiling Point: >208°C (406.4°F)
% Volatiles: 0.0%
Specific gravity:>.93 – 0.99

Section 10: STABILITY AND REACTIVITY:

Chemical stability: Stable under normal conditions of use
Corrosion to metals: No corrosive effect on metal.
Hazardous polymerization: Will not occur
Conditions to avoid: High temperatures
May react with reducing agents to liberate free or aromatic amines.

Section 11: TOXICOLOGICAL INFORMATION:

Acute Toxicity

Assessment of acute toxicity:
Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation. Virtually nontoxic after a single ingestion. Not drink.

Carcinogenicity

Assessment of carcinogenicity:
The chemical structure does not suggest a specific alert for such an effect.

Aspiration hazard

No aspiration hazard expected.

Other relevant toxicity information

The product has not been tested. The statement has been derived from products of a similar structure or composition.

Section 12: ECOLOGICAL INFORMATION

Toxicity

Assessment of aquatic toxicity:
There is a high probability that the product is not acutely harmful to aquatic organisms.

Persistence and degradability

Assessment biodegradation and elimination (H₂O): Poorly biodegradable.
Elimination information: Poorly biodegradable.

Bioaccumulative potential

Assessment bioaccumulation potential: Does not significantly accumulate in organisms.

Safety Data Sheet

OSHA-compliant

Section 13: DISPOSAL CONSIDERATIONS:

Dispose and transport in accordance with all local, state, and federal regulations, and around the world.

Section 14: TRANSPORT INFORMATION:

Land transport

ADR: Not classified as a dangerous good under transport regulations

RID: Not classified as a dangerous good under transport regulations

Inland waterway transport

AND: Not classified as a dangerous good under transport regulations

Sea transport

IMDG: Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO: Not classified as a dangerous good under transport regulations

Section 15: REGULATORY INFORMATION:

SARA Title III - Section 311/312 - Hazard Categories:

N – Fire hazard

N – Sudden release of pressure hazard

N – Reactivity hazard

Y – Immediate (acute) health hazard

Y – Delayed (chronic) health hazard

This product does not contain any Section 313 reportable ingredients.

Shipping Regulations – Not regulated by the DOT, IATA, IMDG

Section 16: OTHER INFORMATION:

Created: /1/2023

Use's responsibility: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions – in addition to those described herein – are required. Any health hazard and safety information herein should be passed on to customers or employees.

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** HMIS Personal Protection X – check with your manager for the local S.O.P handling instructions*

Safety Data Sheet

OSHA-compliant

Section 1: IDENTIFICATION:

Product name: Crystal seed rock
Model: 60175
Generic Description: Children's Toys
Manufacturer: JOYIN US CORP
Address: 315 W Elliot Rd #107-168 Tempe, AZ 85284
E-mail: zhaishuhong@joyintoy.cn
Telephone: 1-623-252-5829

Section 2: HAZARD(S) IDENTIFICATION:

Emergency Overview: may cause eye and skin irritation. Do not inhale. May cause respiratory tract irritation. Do not swallow. May cause digestive tract irritation, nausea, vomiting, and diarrhea. Primary routes of exposure: Eye, skin, inhalation (breathing)

In case of accident or if you feel unwell seek medical advice immediately

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable clothing, gloves and eye/face protection.

Do not breathe vapor.

Section 3: COMPOSITION/ INFORMATION ON INGREDIENTS:

Chemical Name	CAS	Conentent (%)
Calcium sulfate dihydrate	10101-41-4	50
Monoammonium phosphate	7722-76-1	49.5
Acid red 27	915-67-3	0.45
Acid blue 9	3844-45-9	0.05

Section 4: FIRST AID MEASURES:

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact: If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water. Remove contaminated clothing. Get prompt medical attention if irritation persists. Professionally wash contaminated clothing separately before re-use.

Inhalation: Remove fresh air. If breathing is distressed – provide oxygen. Perform artificial respiration if not breathing. Get medical attention if cough or other symptoms develop.

Ingestion: If swallowed, get immediate medical attention. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.

Section 5: FIRE FIGHTING MEASURES:

Flash point: >158°C (316.4°F)

Method: Set flash closed cup

Explosive limits: LEL (%) Not determined; UEL (%) Not determined.

Safety Data Sheet

OSHA-compliant

Auto ignition: Not determined.

Fire and explosion hazards: High temperatures can cause sealed containers to rupture due to a build up of internal pressure. Cool with water. Vapors can travel to a source of ignition (Flame, Electric motor, hot surface, cigarette, ect) and flash back.

During a fire, irritating and toxic gases may be generated during combustion or decomposition.

Extinguishing media: For small fire, use dry chemical, carbon dioxide, halon, or foam. For large fires, use fog, or alcohol foam.

Fire fighting procedures/ equipment: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH_OSHA approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

Section 6: ACCIDENTAL RELEASE MEASURES:

Evacuation: Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all sources of ignition.

Containment: Safely stop discharge. Contain material, as necessary, with a dike or barrier. If a substantial quantity is spilled, recover with pump or vacuum truck. Use an absorbent such as fuller's earth, clay, or other appropriate synthetic absorbent. Place contaminated material in suitable container for disposal. Appropriate safety measures and protective equipment should be used. Stop material from contaminating soil, or from entering sewers or bodies of water.

Clean – up/Personal protection equipment: Appropriate safety measures and protective equipment should be used. Use supplied air respirator or self-containing breathing apparatus in enclosed spaces or if airborne exposure limits can be exceeded.

Collection and Disposal: Stop discharge, if safe to do so. Use proper protective equipment. Use non-sparking tools and/ or explosion – Proof equipment. Stop ignition sources. Cover spills with absorbent clay or sawdust and place in closed chemical waste containers. Dispose of according to applicable local, state and federal regulations.

Reporting: Spills of this material in excess of a component's RQ must be reported to the National Response Center(1800-4248802) and to the appropriate state and local emergency response organizations.

Section 7: HANDLING AND STORAGE:

Storage conditions: Store in cool, dry, well-ventilated area away from heat, ignition sources, and direct sunlight. Keep containers tightly closed.

Personal hygiene: If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water. Wash thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Wash contaminated goggles, face shield, and gloves. Wash contaminated clothing before re-use.

Empty container precautions: This container may be hazardous when empty. Do not use heat, sparks, open flames, torches, and cigarettes on or near empty container.

Section 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Safety Data Sheet

OSHA-compliant

Eye protection: Wear protective clothing and appropriate impervious gloves. If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water.

Respiratory protection: Use NIOSH-OSHA approved self-contained breathing apparatus or vapor cartridge respirator (must be worn if PEL and TLV levels are exceeded)

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Powder

Physical state: Solid

PH value: Not applicable

Odor: No odor

Solubility: Partially soluble

Boiling Point: >208°C (406.4°F)

% Volatiles: 0.0%

Specific gravity:>.93 – 0.99

Section 10: STABILITY AND REACTIVITY:

Chemical stability: Stable under normal conditions of use

Corrosion to metals: No corrosive effect on metal.

Hazardous polymerization: Will not occur

Conditions to avoid: High temperatures

May react with reducing agents to liberate free or aromatic amines.

Section 11: TOXICOLOGICAL INFORMATION:

Acute Toxicity

Assessment of acute toxicity:

Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation. Virtually nontoxic after a single ingestion. Not drink.

Carcinogenicity

Assessment of carcinogenicity:

The chemical structure does not suggest a specific alert for such an effect.

Aspiration hazard

No aspiration hazard expected.

Other relevant toxicity information

The product has not been tested. The statement has been derived from products of a similar structure or composition.

Section 12: ECOLOGICAL INFORMATION

Toxicity

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms.

Persistence and degradability

Assessment biodegradation and elimination (H₂O): Poorly biodegradable.

Safety Data Sheet

OSHA-compliant

Elimination information: Poorly biodegradable.

Bioaccumulative potential

Assessment bioaccumulation potential: Does not significantly accumulate in organisms.

Section 13: DISPOSAL CONSIDERATIONS:

Dispose and transport in accordance with all local, state, and federal regulations, and around the world.

Section 14: TRANSPORT INFORMATION:

Land transport

ADR: Not classified as a dangerous good under transport regulations

RID: Not classified as a dangerous good under transport regulations

Inland waterway transport

AND: Not classified as a dangerous good under transport regulations

Sea transport

IMDG: Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO: Not classified as a dangerous good under transport regulations

Section 15: REGULATORY INFORMATION:

SARA Title III - Section 311/312 - Hazard Categories:

N – Fire hazard

N – Sudden release of pressure hazard

N – Reactivity hazard

Y – Immediate (acute) health hazard

Y – Delayed (chronic) health hazard

This product does not contain any Section 313 reportable ingredients.

Shipping Regulations – Not regulated by the DOT, IATA, IMDG

Section 16: OTHER INFORMATION:

Created: /1/2023

Use's responsibility: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions – in addition to those described herein – are required. Any health hazard and safety information herein should be passed on to customers or employees.

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Safety Data Sheet

OSHA-compliant

** HMIS Personal Protection X – check with your manager for the local S.O.P handling instructions*

Safety Data Sheet

OSHA-compliant

Section 1: IDENTIFICATION:

Product name: Crystal Growing Liquid
Model: 60175
Generic Description: Children's Toys
Manufacturer: JOYIN US CORP
Address: 315 W Elliot Rd #107-168 Tempe, AZ 85284
E-mail: zhaishuhong@joyintoy.cn
Telephone: 1-623-252-5829

Section 2: HAZARD(S) IDENTIFICATION:

Emergency Overview: may cause eye and skin irritation. Do not inhale. May cause respiratory tract irritation. Do not swallow. May cause digestive tract irritation, nausea, vomiting, and diarrhea. Primary routes of exposure: Eye, skin, inhalation (breathing)

In case of accident or if you feel unwell seek medical advice immediately

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable clothing, gloves and eye/face protection.

Do not breathe vapor.

Section 3: COMPOSITION/ INFORMATION ON INGREDIENTS:

Chemical Name	CAS	Conentent (%)
Water	7732-18-5	80
Dihydrogen potassium Phosphate	7778-77-0	20

Section 4: FIRST AID MEASURES:

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact: If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water. Remove contaminated clothing. Get prompt medical attention if irritation persists. Professionally wash contaminated clothing separately before re-use.

Inhalation: Remove fresh air. If breathing is distressed – provide oxygen. Perform artificial respiration if not breathing. Get medical attention if cough or other symptoms develop.

Ingestion: If swallowed, get immediate medical attention. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.

Section 5: FIRE FIGHTING MEASURES:

Flash point: >158°C (316,4°F)

Method: Set flash closed cup

Explosive limits: LEL (%) Not determined; UEL (%) Not determined.

Auto ignition: Not determined.

Safety Data Sheet

OSHA-compliant

Fire and explosion hazards: High temperatures can cause sealed containers to rupture due to a build up of internal pressure. Cool with water. Vapors can travel to a source of ignition (Flame, Electric motor, hot surface, cigarette, ect) and flash back.

During a fire, irritating and toxic gases may be generated during combustion or decomposition.

Extinguishing media: For small fire, use dry chemical, carbon dioxide, halon, or foam. For large fires, use fog, or alcohol foam.

Fire fighting procedures/ equipment: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH_OSHA approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

Section 6: ACCIDENTAL RELEASE MEASURES:

Evacuation: Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all sources of ignition.

Containment: Safely stop discharge. Contain material, as necessary, with a dike or barrier. If a substantial quantity is spilled, recover with pump or vacuum truck. Use an absorbent such as fuller's earth, clay, or other appropriate synthetic absorbent. Place contaminated material in suitable container for disposal. Appropriate safety measures and protective equipment should be used. Stop material from contaminating soil, or from entering sewers or bodies of water.

Clean – up/Personal protection equipment: Appropriate safety measures and protective equipment should be used. Use supplied air respirator or self-containing breathing apparatus in enclosed spaces or if airborne exposure limits can be exceeded.

Collection and Disposal: Stop discharge, if safe to do so. Use proper protective equipment. Use non-sparking tools and/ or explosion – Proof equipment. Stop ignition sources. Cover spills with absorbent clay or sawdust and place in closed chemical waste containers. Dispose of according to applicable local, state and federal regulations.

Reporting: Spills of this material in excess of a component's RQ must be reported to the National Response Center(1800-4248802) and to the appropriate state and local emergency response organizations.

Section 7: HANDLING AND STORAGE:

Storage conditions: Store in cool, dry, well-ventilated area away from heat, ignition sources, and direct sunlight. Keep containers tightly closed.

Personal hygiene: If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water. Wash thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Wash contaminated goggles, face shield, and gloves. Wash contaminated clothing before re-use.

Empty container precautions: This container may be hazardous when empty. Do not use heat, sparks, open flames, torches, and cigarettes on or near empty container.

Section 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Eye protection: Wear protective clothing and appropriate impervious gloves. If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water.

Safety Data Sheet

OSHA-compliant

Respiratory protection: Use NIOSH-OSHA approved self-contained breathing apparatus or vapor cartridge respirator (must be worn if PEL and TLV levels are exceeded)

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid
Physical state: Liquid
PH value: Not applicable
Odor: No odor
Solubility: Miscible in water
Boiling Point: >208°C (406.4°F)
% Volatiles: 0.0%
Specific gravity:>.93 – 0.99

Section 10: STABILITY AND REACTIVITY:

Chemical stability: Stable under normal conditions of use
Corrosion to metals: No corrosive effect on metal.
Hazardous polymerization: Will not occur
Conditions to avoid: High temperatures
May react with reducing agents to liberate free or aromatic amines.

Section 11: TOXICOLOGICAL INFORMATION:

Acute Toxicity

Assessment of acute toxicity:
Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation. Virtually nontoxic after a single ingestion. Not drink.

Carcinogenicity

Assessment of carcinogenicity:
The chemical structure does not suggest a specific alert for such an effect.

Aspiration hazard

No aspiration hazard expected.

Other relevant toxicity information

The product has not been tested. The statement has been derived from products of a similar structure or composition.

Section 12: ECOLOGICAL INFORMATION

Toxicity

Assessment of aquatic toxicity:
There is a high probability that the product is not acutely harmful to aquatic organisms.

Persistence and degradability

Assessment biodegradation and elimination (H₂O): Poorly biodegradable.
Elimination information: Poorly biodegradable.

Safety Data Sheet

OSHA-compliant

Bioaccumulative potential

Assessment bioaccumulation potential: Does not significantly accumulate in organisms.

Section 13: DISPOSAL CONSIDERATIONS:

Dispose and transport in accordance with all local, state, and federal regulations, and around the world.

Section 14: TRANSPORT INFORMATION:

Land transport

ADR: Not classified as a dangerous good under transport regulations

RID: Not classified as a dangerous good under transport regulations

Inland waterway transport

AND: Not classified as a dangerous good under transport regulations

Sea transport

IMDG: Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO: Not classified as a dangerous good under transport regulations

Section 15: REGULATORY INFORMATION:

SARA Title III - Section 311/312 - Hazard Categories:

N – Fire hazard

N – Sudden release of pressure hazard

N – Reactivity hazard

Y – Immediate (acute) health hazard

Y – Delayed (chronic) health hazard

This product does not contain any Section 313 reportable ingredients.

Shipping Regulations – Not regulated by the DOT, IATA, IMDG

Section 16: OTHER INFORMATION:

Created: /1/2023

Use's responsibility: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions – in addition to those described herein – are required. Any health hazard and safety information herein should be passed on to customers or employees.

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** HMIS Personal Protection X – check with your manager for the local S.O.P handling instructions*

Safety Data Sheet

OSHA-compliant

Section 1: IDENTIFICATION:

Product name: Foaming agent
Model: 60175
Generic Description: Children's Toys
Manufacturer: JOYIN US CORP
Address: 315 W Elliot Rd #107-168 Tempe, AZ 85284
E-mail: zhaishuhong@joyintoy.cn
Telephone: 1-623-252-5829

Section 2: HAZARD(S) IDENTIFICATION:

Emergency Overview: may cause eye and skin irritation. Do not inhale. May cause respiratory tract irritation. Do not swallow. May cause digestive tract irritation, nausea, vomiting, and diarrhea. Primary routes of exposure: Eye, skin, inhalation (breathing)

In case of accident or if you feel unwell seek medical advice immediately

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable clothing, gloves and eye/face protection.

Do not breathe vapor.

Section 3: COMPOSITION/ INFORMATION ON INGREDIENTS:

Chemical Name	CAS	Conentent (%)
Sucrose	57-50-1	60
Citric acid	77-92-9	1
Sodium Bicarbonate	144-55-8	1
Potassium acesulfame	55589-62-3	0.05
Sucralose	56038-13-2	0.02
DL-Ascorbic acid	62624-30-0	0.5
Fragrance	RR-29431-5	0.5
Ci 45350	2321-07-5	0.05
.alpha.-D-Glucopyranose	492-62-6	36.88

Section 4: FIRST AID MEASURES:

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact: If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water. Remove contaminated clothing. Get prompt medical attention if irritation persists. Professionally wash contaminated clothing separately before re-use.

Safety Data Sheet

OSHA-compliant

Inhalation: Remove fresh air. If breathing is distressed – provide oxygen. Perform artificial respiration if not breathing. Get medical attention if cough or other symptoms develop.

Ingestion: If swallowed, get immediate medical attention. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.

Section 5: FIRE FIGHTING MEASURES:

Flash point: >158°C (316,4°F)

Method: Set flash closed cup

Explosive limits: LEL (%) Not determined; UEL (%) Not determined.

Auto ignition: Not determined.

Fire and explosion hazards: High temperatures can cause sealed containers to rupture due to a build up of internal pressure. Cool with water. Vapors can travel to a source of ignition (Flame, Electric motor, hot surface, cigarette, etc) and flash back.

During a fire, irritating and toxic gases may be generated during combustion or decomposition.

Extinguishing media: For small fire, use dry chemical, carbon dioxide, halon, or foam. For large fires, use fog, or alcohol foam.

Fire fighting procedures/ equipment: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH/OSHA approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

Section 6: ACCIDENTAL RELEASE MEASURES:

Evacuation: Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all sources of ignition.

Containment: Safely stop discharge. Contain material, as necessary, with a dike or barrier. If a substantial quantity is spilled, recover with pump or vacuum truck. Use an absorbent such as fuller's earth, clay, or other appropriate synthetic absorbent. Place contaminated material in suitable container for disposal. Appropriate safety measures and protective equipment should be used. Stop material from contaminating soil, or from entering sewers or bodies of water.

Clean – up/Personal protection equipment: Appropriate safety measures and protective equipment should be used. Use supplied air respirator or self-containing breathing apparatus in enclosed spaces or if airborne exposure limits can be exceeded.

Collection and Disposal: Stop discharge, if safe to do so. Use proper protective equipment. Use non-sparking tools and/or explosion – Proof equipment. Stop ignition sources. Cover spills with absorbent clay or sawdust and place in closed chemical waste containers. Dispose of according to applicable local, state and federal regulations.

Reporting: Spills of this material in excess of a component's RQ must be reported to the National Response Center (1800-424-8802) and to the appropriate state and local emergency response organizations.

Section 7: HANDLING AND STORAGE:

Storage conditions: Store in cool, dry, well-ventilated area away from heat, ignition sources, and direct sunlight. Keep containers tightly closed.

Safety Data Sheet

OSHA-compliant

Personal hygiene: If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water. Wash thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Wash contaminated goggles, face shield, and gloves. Wash contaminated clothing before re-use.

Empty container precautions: This container may be hazardous when empty. Do not use heat, sparks, open flames, torches, and cigarettes on or near empty container.

Section 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Eye protection: Wear protective clothing and appropriate impervious gloves. If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water.

Respiratory protection: Use NIOSH-OSHA approved self-contained breathing apparatus or vapor cartridge respirator (must be worn if PEL and TLV levels are exceeded)

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Foam

Physical state: Liquid

PH value: Not applicable

Odor: No odor

Solubility: Partially soluble

Boiling Point: >208°C (406.4°F)

% Volatiles: 0.0%

Specific gravity: >0.3 – 0.6

Section 10: STABILITY AND REACTIVITY:

Chemical stability: Stable under normal conditions of use

Corrosion to metals: No corrosive effect on metal.

Hazardous polymerization: Will not occur

Conditions to avoid: High temperatures

May react with reducing agents to liberate free or aromatic amines.

Section 11: TOXICOLOGICAL INFORMATION:

Acute Toxicity

Assessment of acute toxicity:

Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation. Virtually nontoxic after a single ingestion. Not drink.

Carcinogenicity

Assessment of carcinogenicity:

The chemical structure does not suggest a specific alert for such an effect.

Aspiration hazard

No aspiration hazard expected.

Other relevant toxicity information

Safety Data Sheet

OSHA-compliant

The product has not been tested. The statement has been derived from products of a similar structure or composition.

or

Section 12: ECOLOGICAL INFORMATION

Toxicity

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms.

Persistence and degradability

Assessment biodegradation and elimination (H₂O): Poorly biodegradable.

Elimination information: Poorly biodegradable.

Bioaccumulative potential

Assessment bioaccumulation potential: Does not significantly accumulate in organisms.

Section 13: DISPOSAL CONSIDERATIONS:

Dispose and transport in accordance with all local, state, and federal regulations, and around the world.

Section 14: TRANSPORT INFORMATION:

Land transport

ADR: Not classified as a dangerous good under transport regulations

RID: Not classified as a dangerous good under transport regulations

Inland waterway transport

AND: Not classified as a dangerous good under transport regulations

Sea transport

IMDG: Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO: Not classified as a dangerous good under transport regulations

Section 15: REGULATORY INFORMATION:

SARA Title III - Section 311/312 - Hazard Categories:

N – Fire hazard

N – Sudden release of pressure hazard

N – Reactivity hazard

Y – Immediate (acute) health hazard

Y – Delayed (chronic) health hazard

This product does not contain any Section 313 reportable ingredients.

Shipping Regulations – Not regulated by the DOT, IATA, IMDG

Section 16: OTHER INFORMATION:

Created: /1/2023

User's responsibility: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions – in addition to those described herein – are

Safety Data Sheet

OSHA-compliant

required. Any health hazard and safety information herein should be passed on to customers or employees.

Disclaimer of Liability: The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exists. Final determination of suitability of the chemical is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.

** HMIS Personal Protection X – check with your manager for the local S.O.P handling instructions*

Safety Data Sheet

OSHA-compliant

Section 1: IDENTIFICATION:

Product name: Food coloring
Model: 60175
Generic Description: Children's Toys
Manufacturer: JOYIN US CORP
Address: 315 W Elliot Rd #107-168 Tempe, AZ 85284
E-mail: zhaishuhong@joyintoy.cn
Telephone: 1-623-252-5829

Section 2: HAZARD(S) IDENTIFICATION:

Emergency Overview: may cause eye and skin irritation. Do not inhale. May cause respiratory tract irritation. Do not swallow. May cause digestive tract irritation, nausea, vomiting, and diarrhea. Primary routes of exposure: Eye, skin, inhalation (breathing)

In case of accident or if you feel unwell seek medical advice immediately

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable clothing, gloves and eye/face protection.

Do not breathe vapor.

Section 3: COMPOSITION/ INFORMATION ON INGREDIENTS:

Chemical Name	CAS	Conentent (%)
Sorbitol	50-70-4	20
Water	7732-18-5	43
Glycerol	56-81-5	20
Carboxymethylcellulose sodium [USP]	9004-32-4	12.9
Potassium sorbate	590-00-1	0.1
Acid red 18	2611-82-7	1.19
Ci 15985	2783-94-0	0.15
Acid yellow 23	1934-21-0	1.33
Acid blue 9	3844-45-9	1.32
Acid red 27	915-67-3	0.01

Section 4: FIRST AID MEASURES:

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Safety Data Sheet

OSHA-compliant

Skin contact: If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water. Remove contaminated clothing. Get prompt medical attention if irritation persists. Professionally wash contaminated clothing separately before re-use.

Inhalation: Remove fresh air. If breathing is distressed – provide oxygen. Perform artificial respiration if not breathing. Get medical attention if cough or other symptoms develop.

Ingestion: If swallowed, get immediate medical attention. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.

Section 5: FIRE FIGHTING MEASURES:

Flash point: >158°C (316,4°F)

Method: Set flash closed cup

Explosive limits: LEL (%) Not determined; UEL (%) Not determined.

Auto ignition: Not determined.

Fire and explosion hazards: High temperatures can cause sealed containers to rupture due to a build up of internal pressure. Cool with water. Vapors can travel to a source of ignition (Flame, Electric motor, hot surface, cigarette, etc) and flash back.

During a fire, irritating and toxic gases may be generated during combustion or decomposition.

Extinguishing media: For small fire, use dry chemical, carbon dioxide, halon, or foam. For large fires, use fog, or alcohol foam.

Fire fighting procedures/ equipment: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH_OSHA approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

Section 6: ACCIDENTAL RELEASE MEASURES:

Evacuation: Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all sources of ignition.

Containment: Safely stop discharge. Contain material, as necessary, with a dike or barrier. If a substantial quantity is spilled, recover with pump or vacuum truck. Use an absorbent such as fuller's earth, clay, or other appropriate synthetic absorbent. Place contaminated material in suitable container for disposal. Appropriate safety measures and protective equipment should be used. Stop material from contaminating soil, or from entering sewers or bodies of water.

Clean – up/Personal protection equipment: Appropriate safety measures and protective equipment should be used. Use supplied air respirator or self-containing breathing apparatus in enclosed spaces or if airborne exposure limits can be exceeded.

Collection and Disposal: Stop discharge, if safe to do so. Use proper protective equipment. Use non-sparking tools and/or explosion – Proof equipment. Stop ignition sources. Cover spills with absorbent clay or sawdust and place in closed chemical waste containers. Dispose of according to applicable local, state and federal regulations.

Reporting: Spills of this material in excess of a component's RQ must be reported to the National Response Center (1800-4248802) and to the appropriate state and local emergency response organizations.

Safety Data Sheet

OSHA-compliant

Section 7: HANDLING AND STORAGE:

Storage conditions: Store in cool, dry, well-ventilated area away from heat, ignition sources, and direct sunlight. Keep containers tightly closed.

Personal hygiene: If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water. Wash thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Wash contaminated goggles, face shield, and gloves. Wash contaminated clothing before re-use.

Empty container precautions: This container may be hazardous when empty. Do not use heat, sparks, open flames, torches, and cigarettes on or near empty container.

Section 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Eye protection: Wear protective clothing and appropriate impervious gloves. If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water.

Respiratory protection: Use NIOSH-OSHA approved self-contained breathing apparatus or vapor cartridge respirator (must be worn if PEL and TLV levels are exceeded)

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Powder

Physical state: Solid

PH value: Not applicable

Odor: No odor

Solubility: Completely soluble

Boiling Point: >208°C (406.4°F)

% Volatiles: 0.0%

Specific gravity: >0.9 – 1.2

Section 10: STABILITY AND REACTIVITY:

Chemical stability: Stable under normal conditions of use

Corrosion to metals: No corrosive effect on metal.

Hazardous polymerization: Will not occur

Conditions to avoid: High temperatures

May react with reducing agents to liberate free or aromatic amines.

Section 11: TOXICOLOGICAL INFORMATION:

Acute Toxicity

Assessment of acute toxicity:

Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation. Virtually nontoxic after a single ingestion. Not drink.

Carcinogenicity

Assessment of carcinogenicity:

The chemical structure does not suggest a specific alert for such an effect.

Aspiration hazard

Safety Data Sheet

OSHA-compliant

No aspiration hazard expected.

Other relevant toxicity information

The product has not been tested. The statement has been derived from products of a similar structure or composition.

or

Section 12: ECOLOGICAL INFORMATION

Toxicity

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms.

Persistence and degradability

Assessment biodegradation and elimination (H₂O): Poorly biodegradable.

Elimination information: Poorly biodegradable.

Bioaccumulative potential

Assessment bioaccumulation potential: Does not significantly accumulate in organisms.

Section 13: DISPOSAL CONSIDERATIONS:

Dispose and transport in accordance with all local, state, and federal regulations, and around the world.

Section 14: TRANSPORT INFORMATION:

Land transport

ADR: Not classified as a dangerous good under transport regulations

RID: Not classified as a dangerous good under transport regulations

Inland waterway transport

AND: Not classified as a dangerous good under transport regulations

Sea transport

IMDG: Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO: Not classified as a dangerous good under transport regulations

Section 15: REGULATORY INFORMATION:

SARA Title III - Section 311/312 - Hazard Categories:

N – Fire hazard

N – Sudden release of pressure hazard

N – Reactivity hazard

Y – Immediate (acute) health hazard

Y – Delayed (chronic) health hazard

This product does not contain any Section 313 reportable ingredients.

Shipping Regulations – Not regulated by the DOT, IATA, IMDG

Section 16: OTHER INFORMATION:

Safety Data Sheet

OSHA-compliant

Created: /1/2023

Use's responsibility: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions – in addition to those described herein – are required. Any health hazard and safety information herein should be passed on to customers or employees.

Disclaimer of Liability: The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exists. Final determination of suitability of the chemical is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.

** HMIS Personal Protection X – check with your manager for the local S.O.P handling instructions*

Safety Data Sheet

OSHA-compliant

Section 1: IDENTIFICATION:

Product name: Glow powder
Model: 60175
Generic Description: Children's Toys
Manufacturer: JOYIN US CORP
Address: 315 W Elliot Rd #107-168 Tempe, AZ 85284
E-mail: zhaishuhong@joyintoy.cn
Telephone: 1-623-252-5829

Section 2: HAZARD(S) IDENTIFICATION:

Emergency Overview: may cause eye and skin irritation. Do not inhale. May cause respiratory tract irritation. Do not swallow. May cause digestive tract irritation, nausea, vomiting, and diarrhea. Primary routes of exposure: Eye, skin, inhalation (breathing)

In case of accident or if you feel unwell seek medical advice immediately

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable clothing, gloves and eye/face protection.

Do not breathe vapor.

Section 3: COMPOSITION/ INFORMATION ON INGREDIENTS:

Chemical Name	CAS	Conentent (%)
Aluminate (AlO ₂), strontium (2:1)	12004-37-4	100

Section 4: FIRST AID MEASURES:

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact: If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water. Remove contaminated clothing. Get prompt medical attention if irritation persists. Professionally wash contaminated clothing separately before re-use.

Inhalation: Remove fresh air. If breathing is distressed – provide oxygen. Perform artificial respiration if not breathing. Get medical attention if cough or other symptoms develop.

Ingestion: If swallowed, get immediate medical attention. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.

Section 5: FIRE FIGHTING MEASURES:

Flash point: >158°C (316,4°F)

Method: Set flash closed cup

Explosive limits: LEL (%) Not determined; UEL (%) Not determined.

Auto ignition: Not determined.

Safety Data Sheet

OSHA-compliant

Fire and explosion hazards: High temperatures can cause sealed containers to rupture due to a build up of internal pressure. Cool with water. Vapors can travel to a source of ignition (Flame, Electric motor, hot surface, cigarette, ect) and flash back.

During a fire, irritating and toxic gases may be generated during combustion or decomposition.

Extinguishing media: For small fire, use dry chemical, carbon dioxide, halon, or foam. For large fires, use fog, or alcohol foam.

Fire fighting procedures/ equipment: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH_OSHA approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

Section 6: ACCIDENTAL RELEASE MEASURES:

Evacuation: Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all sources of ignition.

Containment: Safely stop discharge. Contain material, as necessary, with a dike or barrier. If a substantial quantity is spilled, recover with pump or vacuum truck. Use an absorbent such as fuller's earth, clay, or other appropriate synthetic absorbent. Place contaminated material in suitable container for disposal. Appropriate safety measures and protective equipment should be used. Stop material from contaminating soil, or from entering sewers or bodies of water.

Clean – up/Personal protection equipment: Appropriate safety measures and protective equipment should be used. Use supplied air respirator or self-containing breathing apparatus in enclosed spaces or if airborne exposure limits can be exceeded.

Collection and Disposal: Stop discharge, if safe to do so. Use proper protective equipment. Use non-sparking tools and/ or explosion – Proof equipment. Stop ignition sources. Cover spills with absorbent clay or sawdust and place in closed chemical waste containers. Dispose of according to applicable local, state and federal regulations.

Reporting: Spills of this material in excess of a component's RQ must be reported to the National Response Center(1800-4248802) and to the appropriate state and local emergency response organizations.

Section 7: HANDLING AND STORAGE:

Storage conditions: Store in cool, dry, well-ventilated area away from heat, ignition sources, and direct sunlight. Keep containers tightly closed.

Personal hygiene: If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water. Wash thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Wash contaminated goggles, face shield, and gloves. Wash contaminated clothing before re-use.

Empty container precautions: This container may be hazardous when empty. Do not use heat, sparks, open flames, torches, and cigarettes on or near empty container.

Section 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Eye protection: Wear protective clothing and appropriate impervious gloves. If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water.

Safety Data Sheet

OSHA-compliant

Respiratory protection: Use NIOSH-OSHA approved self-contained breathing apparatus or vapor cartridge respirator (must be worn if PEL and TLV levels are exceeded)

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Powder
Physical state: Solid
PH value: Not applicable
Odor: No odor
Solubility: Soluble in water
Boiling Point: >208°C (406.4°F)
% Volatiles: 0.0%
Specific gravity:>0.9 – 1.2

Section 10: STABILITY AND REACTIVITY:

Chemical stability: Stable under normal conditions of use
Corrosion to metals: No corrosive effect on metal.
Hazardous polymerization: Will not occur
Conditions to avoid: High temperatures
May react with reducing agents to liberate free or aromatic amines.

Section 11: TOXICOLOGICAL INFORMATION:

Acute Toxicity

Assessment of acute toxicity:
Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation. Virtually nontoxic after a single ingestion. Not drink.

Carcinogenicity

Assessment of carcinogenicity:
The chemical structure does not suggest a specific alert for such an effect.

Aspiration hazard

No aspiration hazard expected.

Other relevant toxicity information

The product has not been tested. The statement has been derived from products of a similar structure or composition.

Section 12: ECOLOGICAL INFORMATION

Toxicity

Assessment of aquatic toxicity:
There is a high probability that the product is not acutely harmful to aquatic organisms.

Persistence and degradability

Assessment biodegradation and elimination (H₂O): Poorly biodegradable.
Elimination information: Poorly biodegradable.

Safety Data Sheet

OSHA-compliant

Bioaccumulative potential

Assessment bioaccumulation potential: Does not significantly accumulate in organisms.

Section 13: DISPOSAL CONSIDERATIONS:

Dispose and transport in accordance with all local, state, and federal regulations, and around the world.

Section 14: TRANSPORT INFORMATION:

Land transport

ADR: Not classified as a dangerous good under transport regulations

RID: Not classified as a dangerous good under transport regulations

Inland waterway transport

AND: Not classified as a dangerous good under transport regulations

Sea transport

IMDG: Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO: Not classified as a dangerous good under transport regulations

Section 15: REGULATORY INFORMATION:

SARA Title III - Section 311/312 - Hazard Categories:

N – Fire hazard

N – Sudden release of pressure hazard

N – Reactivity hazard

Y – Immediate (acute) health hazard

Y – Delayed (chronic) health hazard

This product does not contain any Section 313 reportable ingredients.

Shipping Regulations – Not regulated by the DOT, IATA, IMDG

Section 16: OTHER INFORMATION:

Created: /1/2023

Use's responsibility: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions – in addition to those described herein – are required. Any health hazard and safety information herein should be passed on to customers or employees.

Disclaimer of Liability: The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exists. Final determination of suitability of the chemical is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.

** HMIS Personal Protection X – check with your manager for the local S.O.P handling instructions*

Safety Data Sheet

OSHA-compliant

Section 1: IDENTIFICATION:

Product name: Sodium alginate
Model: 60175
Generic Description: Children's Toys
Manufacturer: JOYIN US CORP
Address: 315 W Elliot Rd #107-168 Tempe, AZ 85284
E-mail: zhaishuhong@joyintoy.cn
Telephone: 1-623-252-5829

Section 2: HAZARD(S) IDENTIFICATION:

Emergency Overview: may cause eye and skin irritation. Do not inhale. May cause respiratory tract irritation. Do not swallow. May cause digestive tract irritation, nausea, vomiting, and diarrhea. Primary routes of exposure: Eye, skin, inhalation (breathing)

In case of accident or if you feel unwell seek medical advice immediately

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable clothing, gloves and eye/face protection.

Do not breathe vapor.

Section 3: COMPOSITION/ INFORMATION ON INGREDIENTS:

Chemical Name	CAS	Conentent (%)
Algenic acid, sodium salt	9005-38-3	100

Section 4: FIRST AID MEASURES:

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact: If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water. Remove contaminated clothing. Get prompt medical attention if irritation persists. Professionally wash contaminated clothing separately before re-use.

Inhalation: Remove fresh air. If breathing is distressed – provide oxygen. Perform artificial respiration if not breathing. Get medical attention if cough or other symptoms develop.

Ingestion: If swallowed, get immediate medical attention. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.

Section 5: FIRE FIGHTING MEASURES:

Flash point: >158°C (316,4°F)

Method: Set flash closed cup

Explosive limits: LEL (%) Not determined; UEL (%) Not determined.

Auto ignition: Not determined.

Fire and explosion hazards: High temperatures can cause sealed containers to rupture due to a build up of internal pressure. Cool with water. Vapors can travel to a source of ignition (Flame, Electric motor, hot surface, cigarette, etc) and flash back.

Safety Data Sheet

OSHA-compliant

During a fire, irritating and toxic gases may be generated during combustion or decomposition.

Extinguishing media: For small fire, use dry chemical, carbon dioxide, halon, or foam. For large fires, use fog, or alcohol foam.

Fire fighting procedures/ equipment: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH_OSHA approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

Section 6: ACCIDENTAL RELEASE MEASURES:

Evacuation: Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all sources of ignition.

Containment: Safely stop discharge. Contain material, as necessary, with a dike or barrier. If a substantial quantity is spilled, recover with pump or vacuum truck. Use an absorbent such as fuller's earth, clay, or other appropriate synthetic absorbent. Place contaminated material in suitable container for disposal. Appropriate safety measures and protective equipment should be used. Stop material from contaminating soil, or from entering sewers or bodies of water.

Clean – up/Personal protection equipment: Appropriate safety measures and protective equipment should be used. Use supplied air respirator or self-containing breathing apparatus in enclosed spaces or if airborne exposure limits can be exceeded.

Collection and Disposal: Stop discharge, if safe to do so. Use proper protective equipment. Use non-sparking tools and/ or explosion – Proof equipment. Stop ignition sources. Cover spills with absorbent clay or sawdust and place in closed chemical waste containers. Dispose of according to applicable local, state and federal regulations.

Reporting: Spills of this material in excess of a component's RQ must be reported to the National Response Center(1800-4248802) and to the appropriate state and local emergency response organizations.

Section 7: HANDLING AND STORAGE:

Storage conditions: Store in cool, dry, well-ventilated area away from heat, ignition sources, and direct sunlight. Keep containers tightly closed.

Personal hygiene: If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water. Wash thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Wash contaminated goggles, face shield, and gloves. Wash contaminated clothing before re-use.

Empty container precautions: This container may be hazardous when empty. Do not use heat, sparks, open flames, torches, and cigarettes on or near empty container.

Section 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Eye protection: Wear protective clothing and appropriate impervious gloves. If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water.

Respiratory protection: Use NIOSH-OSHA approved self-contained breathing apparatus or vapor cartridge respirator (must be worn if PEL and TLV levels are exceeded)

Safety Data Sheet

OSHA-compliant

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Circle
Physical state: Solid
PH value: Not applicable
Odor: No odor
Solubility: Partially soluble
Boiling Point: >208°C (406.4°F)
% Volatiles: 0.0%
Specific gravity:>0.9 – 1.2

Section 10: STABILITY AND REACTIVITY:

Chemical stability: Stable under normal conditions of use
Corrosion to metals: No corrosive effect on metal.
Hazardous polymerization: Will not occur
Conditions to avoid: High temperatures
May react with reducing agents to liberate free or aromatic amines.

Section 11: TOXICOLOGICAL INFORMATION:

Acute Toxicity

Assessment of acute toxicity:
Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation. Virtually nontoxic after a single ingestion. Not drink.

Carcinogenicity

Assessment of carcinogenicity:
The chemical structure does not suggest a specific alert for such an effect.

Aspiration hazard

No aspiration hazard expected.

Other relevant toxicity information

The product has not been tested. The statement has been derived from products of a similar structure or composition.

Section 12: ECOLOGICAL INFORMATION

Toxicity

Assessment of aquatic toxicity:
There is a high probability that the product is not acutely harmful to aquatic organisms.

Persistence and degradability

Assessment biodegradation and elimination (H₂O): Poorly biodegradable.
Elimination information: Poorly biodegradable.

Bioaccumulative potential

Assessment bioaccumulation potential: Does not significantly accumulate in organisms.

Safety Data Sheet

OSHA-compliant

Section 13: DISPOSAL CONSIDERATIONS:

Dispose and transport in accordance with all local, state, and federal regulations, and around the world.

Section 14: TRANSPORT INFORMATION:

Land transport

ADR: Not classified as a dangerous good under transport regulations

RID: Not classified as a dangerous good under transport regulations

Inland waterway transport

AND: Not classified as a dangerous good under transport regulations

Sea transport

IMDG: Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO: Not classified as a dangerous good under transport regulations

Section 15: REGULATORY INFORMATION:

SARA Title III - Section 311/312 - Hazard Categories:

N – Fire hazard

N – Sudden release of pressure hazard

N – Reactivity hazard

Y – Immediate (acute) health hazard

Y – Delayed (chronic) health hazard

This product does not contain any Section 313 reportable ingredients.

Shipping Regulations – Not regulated by the DOT, IATA, IMDG

Section 16: OTHER INFORMATION:

Created: /1/2023

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** HMIS Personal Protection X – check with your manager for the local S.O.P handling instructions*

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Section 1: IDENTIFICATION:

Product name: Volcano
Model: 60175
Generic Description: Children's Toys
Manufacturer: JOYIN US CORP
Address: 315 W Elliot Rd #107-168 Tempe, AZ 85284
E-mail: zhaishuhong@joyintoy.cn
Telephone: 1-623-252-5829

Section 2: HAZARD(S) IDENTIFICATION:

Emergency Overview: may cause eye and skin irritation. Do not inhale. May cause respiratory tract irritation. Do not swallow. May cause digestive tract irritation, nausea, vomiting, and diarrhea. Primary routes of exposure: Eye, skin, inhalation (breathing)

In case of accident or if you feel unwell seek medical advice immediately

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable clothing, gloves and eye/face protection.

Do not breathe vapor.

Section 3: COMPOSITION/ INFORMATION ON INGREDIENTS:

Chemical Name	CAS	Conentent (%)
Calcium sulfate dihydrate	10101-41-4	97
Talc	14807-96-6	2.5
Acid red 27	915-67-3	0.179
Ci 15985	2783-94-0	0.171
Acid blue 9	3844-45-9	0.113
Acid yellow 23	1934-21-0	0.037

Section 4: FIRST AID MEASURES:

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact: If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water. Remove contaminated clothing. Get prompt medical attention if irritation persists. Professionally wash contaminated clothing separately before re-use.

Inhalation: Remove fresh air. If breathing is distressed – provide oxygen. Perform artificial respiration if not breathing. Get medical attention if cough or other symptoms develop.

Ingestion: If swallowed, get immediate medical attention. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

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Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.

Section 5: FIRE FIGHTING MEASURES:

Flash point: >158°C (316,4°F)

Method: Set flash closed cup

Explosive limits: LEL (%) Not determined; UEL (%) Not determined.

Auto ignition: Not determined.

Fire and explosion hazards: High temperatures can cause sealed containers to rupture due to a build up of internal pressure. Cool with water. Vapors can travel to a source of ignition (Flame, Electric motor, hot surface, cigarette, etc) and flash back.

During a fire, irritating and toxic gases may be generated during combustion or decomposition.

Extinguishing media: For small fire, use dry chemical, carbon dioxide, halon, or foam. For large fires, use fog, or alcohol foam.

Fire fighting procedures/ equipment: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH_OSHA approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

Section 6: ACCIDENTAL RELEASE MEASURES:

Evacuation: Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all sources of ignition.

Containment: Safely stop discharge. Contain material, as necessary, with a dike or barrier. If a substantial quantity is spilled, recover with pump or vacuum truck. Use an absorbent such as fuller's earth, clay, or other appropriate synthetic absorbent. Place contaminated material in suitable container for disposal. Appropriate safety measures and protective equipment should be used. Stop material from contaminating soil, or from entering sewers or bodies of water.

Clean – up/Personal protection equipment: Appropriate safety measures and protective equipment should be used. Use supplied air respirator or self-containing breathing apparatus in enclosed spaces or if airborne exposure limits can be exceeded.

Collection and Disposal: Stop discharge, if safe to do so. Use proper protective equipment. Use non-sparking tools and/ or explosion – Proof equipment. Stop ignition sources. Cover spills with absorbent clay or sawdust and place in closed chemical waste containers. Dispose of according to applicable local, state and federal regulations.

Reporting: Spills of this material in excess of a component's RQ must be reported to the National Response Center (1800-4248802) and to the appropriate state and local emergency response organizations.

Section 7: HANDLING AND STORAGE:

Storage conditions: Store in cool, dry, well-ventilated area away from heat, ignition sources, and direct sunlight. Keep containers tightly closed.

Personal hygiene: If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water. Wash thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Wash contaminated goggles, face shield, and gloves. Wash contaminated clothing before re-use.

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Empty container precautions: This container may be hazardous when empty. Do not use heat, sparks, open flames, torches, and cigarettes on or near empty container.

Section 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Eye protection: Wear protective clothing and appropriate impervious gloves. If skin contact occurs, use FCF 7X hand cleaner to remove, followed by washing with soap and water.

Respiratory protection: Use NIOSH-OSHA approved self-contained breathing apparatus or vapor cartridge respirator (must be worn if PEL and TLV levels are exceeded)

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Circle

Physical state: Solid

PH value: Not applicable

Odor: No odor

Solubility: Insoluble in water

Boiling Point: >208°C (406.4°F)

% Volatiles: 0.0%

Specific gravity: >2.6 – 4.2

Section 10: STABILITY AND REACTIVITY:

Chemical stability: Stable under normal conditions of use

Corrosion to metals: No corrosive effect on metal.

Hazardous polymerization: Will not occur

Conditions to avoid: High temperatures

May react with reducing agents to liberate free or aromatic amines.

Section 11: TOXICOLOGICAL INFORMATION:

Acute Toxicity

Assessment of acute toxicity:

Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation. Virtually nontoxic after a single ingestion. Not drink.

Carcinogenicity

Assessment of carcinogenicity:

The chemical structure does not suggest a specific alert for such an effect.

Aspiration hazard

No aspiration hazard expected.

Other relevant toxicity information

The product has not been tested. The statement has been derived from products of a similar structure or composition.

or

Section 12: ECOLOGICAL INFORMATION

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Toxicity

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms.

Persistence and degradability

Assessment biodegradation and elimination (H₂O): Poorly biodegradable.

Elimination information: Poorly biodegradable.

Bioaccumulative potential

Assessment bioaccumulation potential: Does not significantly accumulate in organisms.

Section 13: DISPOSAL CONSIDERATIONS:

Dispose and transport in accordance with all local, state, and federal regulations, and around the world.

Section 14: TRANSPORT INFORMATION:

Land transport

ADR: Not classified as a dangerous good under transport regulations

RID: Not classified as a dangerous good under transport regulations

Inland waterway transport

AND: Not classified as a dangerous good under transport regulations

Sea transport

IMDG: Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO: Not classified as a dangerous good under transport regulations

Section 15: REGULATORY INFORMATION:

SARA Title III - Section 311/312 - Hazard Categories:

N – Fire hazard

N – Sudden release of pressure hazard

N – Reactivity hazard

Y – Immediate (acute) health hazard

Y – Delayed (chronic) health hazard

This product does not contain any Section 313 reportable ingredients.

Shipping Regulations – Not regulated by the DOT, IATA, IMDG

Section 16: OTHER INFORMATION:

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