

# SAFETY DATA SHEET

Issuing Date 14-Jul-2020

Revision Date 05-Nov-2024

Revision Number 3

NGHS / English



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## 1. IDENTIFICATION

### Product identifier

Product Name BLAZING SKIES

### Other means of identification

Product Code(s) 1002459

### Recommended use of the chemical and restrictions on use

Recommended Use Fireworks

Restrictions on use No information available

### Details of the supplier of the safety data sheet

Supplier Identification American Promotional Events

Address 4511 Helton Drive  
Florence  
Alabama  
35630  
United States

Telephone Phone:800-243-1189  
Fax:256-710-0154

E-mail auchlyj@tntfireworks.com

### Emergency telephone number

Company Emergency Phone Number 256-366-7790

## 2. HAZARDS IDENTIFICATION

### Classification

Acute toxicity - Oral	Category 4
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Specific target organ toxicity (repeated exposure)	Category 1
Explosives	Division 1.4

**Appearance** Gray**Physical state** Solid**Odor** Sulphurous**GHS Label elements, including precautionary statements****Danger****Hazard statements**

Harmful if swallowed

Causes damage to organs through prolonged or repeated exposure

Fire or projection hazard

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Do not breathe dust/fume/gas/mist/vapors/spray

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

Ground/bond container and receiving equipment

Do not subject to grinding/shock/friction

Wear face protection

**Precautionary Statements - Response**

Get medical advice/attention if you feel unwell

**Ingestion**

IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell

Rinse mouth

**Fire**

In case of fire: Evacuate area

DO NOT fight fire when fire reaches explosives

Fight fire with normal precautions from a reasonable distance

**Precautionary Statements - Storage**

Store in accordance with local regulations

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other information**

May be harmful in contact with skin. Causes mild skin irritation.

**Unknown acute toxicity** 23 % of the mixture consists of ingredient(s) of unknown toxicity

23 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

23 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

23 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

23 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
 23 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substance

Not applicable.

#### Mixture

Chemical name	CAS No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Potassium perchlorate	7778-74-7	38	-	-
Charcoal	16291-96-6	10	-	-
Polyvinyl chloride	9002-86-2	5	-	-
Sulfur	7704-34-9	2	-	-

### 4. FIRST AID MEASURES

#### Description of first aid measures

<b>General advice</b>	For traumatic injuries resulting from explosions: Immediate medical attention is required. Use first aid treatment according to the nature of the injury. Do not delay care and transport of a seriously injured person. Remove from exposure, lie down. Call 911 or emergency medical service. Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	Remove to fresh air.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
<b>Ingestion</b>	Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.
<b>Self-protection of the first aider</b>	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8).

#### Most important symptoms and effects, both acute and delayed

**Symptoms** No information available.

#### Indication of any immediate medical attention and special treatment needed

**Note to physicians** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES



<b>Suitable Extinguishing Media</b>	Flood fire area with water from a distance. Dry chemical. Carbon dioxide (CO <sub>2</sub> ).
<b>Large Fire</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Unsuitable extinguishing media</b>	Do not scatter spilled material with high pressure water streams.
<b>Specific hazards arising from the chemical</b>	Explosion risk in case of fire. DO NOT fight fire when fire reaches explosives. Keep product and empty container away from heat and sources of ignition. Thermal decomposition can lead to release of irritating and toxic gases and vapors. Fire may produce irritating, corrosive and/or toxic gases.
<b>Hazardous Combustion Products</b>	Carbon oxides.
<b>Explosion Data</b>	
<b>Sensitivity to Mechanical Impact</b>	Yes.
<b>Sensitivity to Static Discharge</b>	May be ignited by friction, heat, sparks or flames.
<b>Special protective equipment for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Do not attempt to stop leak, due to danger of explosion. Do not subject to grinding/shock/friction. DO NOT CLEAN-UP OR DISPOSE OF, EXCEPT UNDER SUPERVISION OF A SPECIALIST. Ensure adequate ventilation.
<b>Other Information</b>	Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

### Methods and material for containment and cleaning up

<b>Methods for containment</b>	DO NOT CLEAN-UP OR DISPOSE OF, EXCEPT UNDER SUPERVISION OF A SPECIALIST. Do not touch or walk through spilled material.
<b>Methods for cleaning up</b>	Take precautionary measures against static discharges.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

<b>Advice on safe handling</b>	Use personal protection equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Ground and bond all lines and equipment associated with product system. All equipment should be non-sparking and explosion proof. Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation.
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**Conditions for safe storage, including any incompatibilities****Storage Conditions**

Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters****Exposure Limits**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH	
Charcoal 16291-96-6	TWA: 0.4 mg/m <sup>3</sup> dust, respirable fraction	-		
Polyvinyl chloride 9002-86-2	TWA: 1 mg/m <sup>3</sup> respirable particulate matter	-		
Chemical name	Alberta	British Columbia	Ontario TWAEV	Quebec
Charcoal 16291-96-6			TWA: 10 mg/m <sup>3</sup>	
Polyvinyl chloride 9002-86-2		TWA: 1 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup>	
Sulfur 7704-34-9	TWA: 10 mg/m <sup>3</sup>			

**Appropriate engineering controls****Engineering controls**

Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Face protection shield.

**Skin and body protection**

No special protective equipment required.

**Respiratory protection**

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations**

Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<b>Physical state</b>	Solid
<b>Appearance</b>	Gray
<b>Odor</b>	Sulphurous



Color No information available  
 Odor Threshold No data available

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
pH	UNKNOWN		
Melting / freezing point	No data available	None known	
Boiling point / boiling range	No data available	None known	
Flash Point	No data available	None known	
Evaporation Rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limit in Air			
Upper flammability limit	No data available		
Lower flammability limit	No data available		
Vapor pressure	No data available	None known	
Vapor density	No data available	None known	
Relative density	No data available	None known	
Water Solubility	Partially soluble		
Solubility(ies)	No data available	None known	
Partition coefficient: n-octanol/water	na		
Autoignition temperature	No data available	None known	
Decomposition temperature	No data available	None known	
Kinematic viscosity	No data available	None known	
Dynamic viscosity	No data available	None known	

#### Other Information

Explosive properties Fire or projection hazard  
 Oxidizing properties No information available  
 Softening Point No information available  
 Molecular Weight No information available  
 VOC Content (%) No information available  
 Liquid Density No information available  
 Bulk Density No information available  
 Particle Size No information available  
 Particle Size Distribution No information available

## 10. STABILITY AND REACTIVITY

Reactivity No information available.

Chemical stability Explosive properties.

Possibility of Hazardous Reactions None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to avoid Heat, flames and sparks. Storage near to reactive materials. Do not subject to shock. Contact with other chemicals. Humidity.

Incompatible materials Acids. Bases. Alcohols. Alkali. Oxidizing or reducing agents. Nitrite.

Hazardous Decomposition Products Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

**Product Information**

<b>Inhalation</b>	Specific test data for the substance or mixture is not available.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available.
<b>Skin contact</b>	May be harmful in contact with skin.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available. Harmful if swallowed. (based on components).

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** No information available.

**Numerical measures of toxicity**

**Acute toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)** 797.00 mg/kg

- Unknown acute toxicity** 23 % of the mixture consists of ingredient(s) of unknown toxicity
- 23 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 23 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 23 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 23 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 23 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Product Information
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**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Charcoal	-	-	> 4.97 mg/L ( Rat ) 4 h
Polyvinyl chloride	= 500 mg/kg ( Rat )	-	-
Sulfur	> 2000 mg/kg ( Rat )	> 2000 mg/kg ( Rat )	> 5.43 mg/L ( Rat ) 4 h

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	No information available.
<b>Serious eye damage/eye irritation</b>	No information available.
<b>Respiratory or skin sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Polyvinyl chloride 9002-86-2	-	Group 3	-	-

**Legend**

**IARC (International Agency for Research on Cancer)**



Group 3 - Not Classifiable as to Carcinogenicity in Humans

- Reproductive toxicity** No information available.
- STOT - single exposure** No information available.
- STOT - repeated exposure** Causes damage to organs through prolonged or repeated exposure.
- Aspiration hazard** No information available.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity** The environmental impact of this product has not been fully investigated.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sulfur	No data available	96h LC50: = 866 mg/L (Brachydanio rerio) 96h LC50: < 14 mg/L (Lepomis macrochirus) 96h LC50: > 180 mg/L (Oncorhynchus mykiss)	No data available	No data available

**Persistence and Degradability** No information available.

**Bioaccumulation**

**Component Information**

Chemical name	Partition coefficient
Charcoal	3.48

**Mobility** No information available.

**Other adverse effects** No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Waste from residues/unused products** Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. DO NOT CLEAN-UP OR DISPOSE OF, EXCEPT UNDER SUPERVISION OF A SPECIALIST.

**Contaminated packaging** Do not reuse empty containers.

**California Waste Codes** 141

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical name	California Hazardous Waste
Potassium perchlorate 7778-74-7	Toxic Ignitable



Reactive

**14. TRANSPORT INFORMATION****DOT**

UN-No.	UN0336
Proper Shipping Name	FIREWORKS
Hazard Class	1.4G
Description	UN0336, FIREWORKS, 1.4G
Emergency Response Guide Number	114

**TDG**

UN-No.	UN0336
Proper Shipping Name	FIREWORKS
Hazard Class	1.4G
Packing Group	II
Description	UN0336, FIREWORKS, 1.4G, II

**MEX**

UN-No.	UN0336
Proper Shipping Name	FIREWORKS
Hazard Class	1.4G
Description	UN0336, FIREWORKS, 1.4G

**ICAO**

UN-No.	UN0336
Proper Shipping Name	FIREWORKS
Hazard Class	1.4G
Description	UN0336, FIREWORKS, 1.4G

**IATA**

UN-No.	UN0336
Proper Shipping Name	FIREWORKS
Hazard Class	1.4G
ERG Code	1L
Description	UN0336, FIREWORKS, 1.4G

**IMDG/IMO**

UN-No.	UN0336
Proper Shipping Name	FIREWORKS
Hazard Class	1.4G
EmS-No.	F-B, S-X
Description	UN0336, FIREWORKS, 1.4G,

**RID**

UN-No.	UN0336
Proper Shipping Name	FIREWORKS
Hazard Class	1.4
Classification code	1.4G
Description	UN0336, FIREWORKS, 1.4
ADR/RID-Labels	1.4

**ADR**

<b>UN-No.</b>	UN0336
<b>Proper Shipping Name</b>	FIREWORKS
<b>Hazard Class</b>	1.4
<b>Classification code</b>	1.4G
<b>Description</b>	UN0336, FIREWORKS, 1.4, (E)

**ADN**

<b>UN-No.</b>	UN0336
<b>Proper Shipping Name</b>	FIREWORKS
<b>Hazard Class</b>	1.4
<b>Classification code</b>	1.4G
<b>Special Provisions</b>	645, 651
<b>Description</b>	UN0336, FIREWORKS, 1.4
<b>Hazard Labels</b>	1.4
<b>Limited Quantity</b>	0

## 15. REGULATORY INFORMATION

### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International Regulations

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

#### International Inventories

<b>TSCA</b>	Contact supplier for inventory compliance status.
<b>DSL/NDSL</b>	Contact supplier for inventory compliance status.
<b>EINECS/ELINCS</b>	Contact supplier for inventory compliance status.
<b>ENCS</b>	Contact supplier for inventory compliance status.
<b>KECL</b>	Contact supplier for inventory compliance status.
<b>PICCS</b>	Contact supplier for inventory compliance status.
<b>AICS</b>	Contact supplier for inventory compliance status.

#### Legend

<b>TSCA</b>	- United States Toxic Substances Control Act Section 8(b) Inventory
<b>DSL/NDSL</b>	- Canadian Domestic Substances List/Non-Domestic Substances List
<b>EINECS/ELINCS</b>	- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
<b>ENCS</b>	- Japan Existing and New Chemical Substances
<b>KECL</b>	- Korean Existing and Evaluated Chemical Substances
<b>PICCS</b>	- Philippines Inventory of Chemicals and Chemical Substances
<b>AICS</b>	- Australian Inventory of Chemical Substances

#### US Federal Regulations

##### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

##### SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.



**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Potassium perchlorate 7778-74-7	X	X	X		
Polyvinyl chloride 9002-86-2	X				
Sulfur 7704-34-9	X	X	X		

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	Health hazards 1	Flammability 0	Instability 3	<b>Physical and Chemical Properties -</b>
<b><u>HMIS</u></b>	Health hazards 1*	Flammability 0	Physical hazards 2	
<i>Chronic Hazard Star Legend</i>	* = Chronic Health Hazard			<b>Personal Protection X</b>

**Prepared By** Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501

**Issuing Date** 14-Jul-2020

**Revision Date** 05-Nov-2024

**Revision Note** No information available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**



