

# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
US OSHA Hazard Communication Standard 2024 (29 CFR 1910.1200) and Canada Hazardous Products Act (HPA) and the  
Hazardous Products Regulation (HPR), as amended

Issuing Date 24-Apr-2026

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Revision Number 1

## 1. Identification

### Product identifier

**Product Name** Bully Max Power Tabs for Muscle Gain 2-in-1

### Other means of identification

**Product Code(s)** 1907234

**Synonyms** None

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

**Recommended use** Domesticated Animal Vitamin or Supplement (solid)

**Restrictions on use** No information available

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

**Supplier Name** Bully Max, LLC

### Supplier Address

4035 Alpha Drive  
Allison Park  
Pennsylvania  
15101  
US

### Emergency telephone number

**Supplier Phone Number** Phone:412-639-9134

**24 Hour Emergency Phone Number** 412-639-9134

**Emergency Telephone** No information available

## 2. Hazard(s) identification

### Classification of the substance or mixture

Serious eye damage/eye irritation

Category 2A

### Label elements



**Warning**

**Hazard statements**

Causes serious eye irritation.

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling.

Wear eye and face protection.

**Precautionary Statements - Response**

**Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice and attention.

**Hazards classified under paragraph (d)(1)(ii) of 1910.1200**

No information available.

**Other information**

Causes mild skin irritation. Harmful to aquatic life with long lasting effects.

**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)
Dicalcium phosphate	7757-93-9	17.6	-	-
Microcrystalline cellulose	9004-34-6	16.2	-	-
Whey	68608-58-2	12	-	-
Vegetable oil	68956-68-3	1.7	-	-
Magnesium stearate	557-04-0	1.1	-	-
Ferrous sulfate	7720-78-7	1	-	-
Zinc	7440-66-6	0.3	-	-

**4. First-aid measures**

**Description of first aid measures**

**General advice**

Show this safety data sheet to the doctor in attendance.

**Inhalation**

Remove to fresh air.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.

**Skin contact**

Wash skin with soap and water.

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<b>Ingestion</b>	Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.
<b>Self-protection of the first aider</b>	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).
<b><u>Most important symptoms and effects, both acute and delayed</u></b>	
<b>Symptoms</b>	May cause redness and tearing of the eyes. Burning sensation. Prolonged contact may cause redness and irritation.
<b>Effects of Exposure</b>	No information available.
<b><u>Indication of any immediate medical attention and special treatment needed</u></b>	
<b>Note to physicians</b>	Treat symptomatically.

## 5. Fire-fighting measures

<b><u>Suitable Extinguishing Media</u></b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable extinguishing media</b>	Do not scatter spilled material with high pressure water streams.
<b><u>Specific hazards arising from the chemical</u></b>	No information available.
<b><u>Explosion data</u></b>	
<b>Sensitivity to mechanical impact</b>	None.
<b>Sensitivity to static discharge</b>	None.
<b><u>Special protective equipment and precautions for fire-fighters</u></b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. Accidental release measures

<b><u>Personal precautions, protective equipment and emergency procedures</u></b>	
<b>Personal precautions</b>	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
<b>Other information</b>	Refer to protective measures listed in Sections 7 and 8.
<b><u>Methods and material for containment and cleaning up</u></b>	
<b>Methods for containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Pick up and transfer to properly labeled containers.
<b>Prevention of secondary hazards</b>	Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. Handling and storage

<b><u>Precautions for safe handling</u></b>	
<b>Advice on safe handling</b>	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with

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skin, eyes or clothing. Do not eat, drink or smoke when using this product.

**General hygiene considerations** Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**8. Exposure controls/personal protection**

**Control Parameters**

**Exposure Limits**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Microcrystalline cellulose 9004-34-6	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust
Vegetable oil 68956-68-3	-	TWA: 5 mg/m <sup>3</sup> mist, respirable fraction TWA: 15 mg/m <sup>3</sup> mist, total (vacated) TWA: 15 mg/m <sup>3</sup> total dust, mist (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction, mist	TWA: 10 mg/m <sup>3</sup> total mist TWA: 5 mg/m <sup>3</sup> respirable mist
Magnesium stearate 557-04-0	TWA: 10 mg/m <sup>3</sup>	-	-
Ferrous sulfate 7720-78-7	TWA: 1 mg/m <sup>3</sup> Fe	(vacated) TWA: 1 mg/m <sup>3</sup> Fe	TWA: 1 mg/m <sup>3</sup> ; Fe
Zinc 7440-66-6	STEL: 10 mg/m <sup>3</sup> respirable fraction TWA: 2 mg/m <sup>3</sup> respirable fraction	TWA: 5 mg/m <sup>3</sup> fume TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction	IDLH: 500 mg/m <sup>3</sup> Ceiling: 15 mg/m <sup>3</sup> dust TWA: 5 mg/m <sup>3</sup> dust and fume STEL: 10 mg/m <sup>3</sup> fume

Chemical name	Alberta	British Columbia	Ontario	Quebec
Microcrystalline cellulose 9004-34-6	TWA: 10 mg/m <sup>3</sup> ;	TWA: 10 mg/m <sup>3</sup> ; total dust TWA: 3 mg/m <sup>3</sup> ; respirable fraction	TWA: 10 mg/m <sup>3</sup> ;	TWAEV: 10 mg/m <sup>3</sup> ; total dust
Vegetable oil 68956-68-3	-	-	-	TWAEV: 10 mg/m <sup>3</sup> ; mist
Magnesium stearate 557-04-0	TWA: 10 mg/m <sup>3</sup> ;	TWA: 10 mg/m <sup>3</sup> ; inhalable TWA: 3 mg/m <sup>3</sup> ; respirable	TWA: 10 mg/m <sup>3</sup> ; inhalable particulate matter TWA: 3 mg/m <sup>3</sup> ; respirable particulate matter	TWAEV: 10 mg/m <sup>3</sup> ; inhalable aerosol fraction TWAEV: 3 mg/m <sup>3</sup> ; respirable aerosol fraction
Ferrous sulfate 7720-78-7	TWA: 1 mg/m <sup>3</sup> ;	TWA: 1 mg/m <sup>3</sup> ; STEL: 2 mg/m <sup>3</sup> ;	TWA: 1 mg/m <sup>3</sup> ;	TWAEV: 1.0 mg/m <sup>3</sup> ;

Chemical name	Manitoba	New Brunswick	Newfoundland and Labrador	Nova Scotia
Microcrystalline cellulose	TWA: 10 mg/m <sup>3</sup> ;	TWA: 10 mg/m <sup>3</sup> ;	TWA: 10 mg/m <sup>3</sup> ;	TWA: 10 mg/m <sup>3</sup> ;
Magnesium stearate	TWA: 10 mg/m <sup>3</sup> ; inhalable particulate matter TWA: 3 mg/m <sup>3</sup> ; respirable particulate matter	TWA: 10 mg/m <sup>3</sup> ;	TWA: 10 mg/m <sup>3</sup> ; inhalable particulate matter TWA: 3 mg/m <sup>3</sup> ; respirable particulate matter	TWA: 10 mg/m <sup>3</sup> ; inhalable particulate matter TWA: 3 mg/m <sup>3</sup> ; respirable particulate matter
Ferrous sulfate	TWA: 1 mg/m <sup>3</sup> ;	TWA: 1 mg/m <sup>3</sup> ;	TWA: 1 mg/m <sup>3</sup> ;	TWA: 1 mg/m <sup>3</sup> ;

Chemical name	Nunavut	Prince Edward Island	Saskatchewan	Yukon
Microcrystalline cellulose	TWA: 10 mg/m <sup>3</sup> ; STEL: 20 mg/m <sup>3</sup> ; Designated substance	TWA: 10 mg/m <sup>3</sup> ;	TWA: 10 mg/m <sup>3</sup> ; STEL: 20 mg/m <sup>3</sup> ; Designated Chemical Substance	TWA: 30 mppcf; TWA: 10 mg/m <sup>3</sup> ; STEL: 20 mg/m <sup>3</sup> ;
Vegetable oil	-	-	TWA: 10 mg/m <sup>3</sup> ; mist STEL: 20 mg/m <sup>3</sup> ; mist	TWA: 10 mg/m <sup>3</sup> ;
Magnesium stearate	TWA: 10 mg/m <sup>3</sup> ; STEL: 20 mg/m <sup>3</sup> ;	TWA: 10 mg/m <sup>3</sup> ; inhalable particulate matter TWA: 3 mg/m <sup>3</sup> ; respirable particulate matter	TWA: 10 mg/m <sup>3</sup> ; STEL: 20 mg/m <sup>3</sup> ;	-
Ferrous sulfate	TWA: 1 mg/m <sup>3</sup> ; STEL: 3 mg/m <sup>3</sup> ;	TWA: 1 mg/m <sup>3</sup> ;	TWA: 1 mg/m <sup>3</sup> ; STEL: 3 mg/m <sup>3</sup> ;	TWA: 1 mg/m <sup>3</sup> ; STEL: 2 mg/m <sup>3</sup> ;

**Note** See section 16 for terms and abbreviations.

**Other information on limit values** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Biological occupational exposure limits** This product, as supplied, contains materials that do not have reportable biological exposure limits or are not subject to the reporting requirements of the local jurisdiction.

**Appropriate engineering controls**

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Hand protection** Wear suitable gloves.

**Skin and body protection** Wear suitable protective clothing.

**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.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical state	Solid
Color	No information available
Odor (includes odor threshold)	Typical

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Melting point / freezing point	No data available	None known
Boiling point (or initial boiling point or boiling range)	No data available	None known
Flammability	No data available	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Flash point	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
SADT (°C)	No data available	None known
pH	No data available	None known
pH (as aqueous solution)	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Solubility	No data available	None known
Water solubility	Insoluble in water	None known
Partition coefficient n-octanol/water (log value)	No data available	None known
Vapor pressure (includes evaporation rate)	No data available	None known
Evaporation rate	No data available	None known
Density and/or relative density	No data available	None known
Bulk density	No data available	
Liquid Density	No data available	
Relative vapor density	No data available	None known
Particle characteristics		None known
Particle Size	No data available	
Particle Size Distribution	No data available	

### Other information

Miscible	No
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## 10. Stability and reactivity

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	None known based on information supplied.
Incompatible materials	None known based on information supplied.
Hazardous decomposition products	None known based on information supplied.

## 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. May cause irritation of respiratory tract.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available. Prolonged contact may cause redness and irritation. Causes mild skin irritation.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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

<b>Symptoms</b>	May cause redness and tearing of the eyes. Burning sensation. Prolonged contact may cause redness and irritation.
<b>Acute toxicity</b>	No information available.

**Numerical measures of toxicity**

The following ATE values have been calculated for the mixture

ATEmix (oral)	6,825.70 mg/kg
ATEmix (dermal)	99,999.00 mg/kg
ATEmix (inhalation-gas)	99,999.00 ppm
ATEmix (inhalation-vapor)	99,999.00 mg/l
ATEmix (inhalation-dust/mist)	99,999.00 mg/l

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Dicalcium phosphate	= 7940 mg/kg ( Rat )	> 7940 mg/kg ( Rabbit )	-
Microcrystalline cellulose	> 5 g/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 5800 mg/m <sup>3</sup> ( Rat ) 4 h
Magnesium stearate	> 10000 mg/kg ( Rat )	-	-
Ferrous sulfate	= 319 mg/kg ( Rat )	-	-
Zinc	= 630 mg/kg ( Rat )	-	-

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

<b>Skin corrosion/irritation</b>	Classification based on data available for ingredients. Causes mild skin irritation.
<b>Serious eye damage/eye irritation</b>	Classification based on data available for ingredients. Causes serious eye irritation.
<b>Respiratory or skin sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met. The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Magnesium stearate	A4 - Not classifiable as a human carcinogen	-	-	-

<b>Reproductive toxicity</b>	No information available.
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**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Aspiration hazard** No information available.

**12. Ecological information**

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

**Aquatic ecotoxicity**

**Component Information**

Chemical name	Fish	Crustacea	Algae/aquatic plants	Toxicity to microorganisms
Ferrous sulfate	96h LC50: = 925 mg/L (Poecilia reticulata)	48h EC50: = 152 mg/L (Daphnia magna) 48h EC50: 6.15 - 9.26 mg/L (Daphnia magna)	-	-
Zinc	96h LC50: 2.16 - 3.05 mg/L (Pimephales promelas) 96h LC50: 0.211 - 0.269 mg/L (Pimephales promelas) 96h LC50: = 2.66 mg/L (Pimephales promelas) 96h LC50: = 30 mg/L (Cyprinus carpio) 96h LC50: = 0.45 mg/L (Cyprinus carpio) 96h LC50: = 7.8 mg/L (Cyprinus carpio) 96h LC50: = 3.5 mg/L (Lepomis macrochirus) 96h LC50: = 0.24 mg/L (Oncorhynchus mykiss) 96h LC50: = 0.59 mg/L (Oncorhynchus mykiss) 96h LC50: = 0.41 mg/L (Oncorhynchus mykiss)	48h EC50: 0.139 - 0.908 mg/L (Daphnia magna)	96h EC50: 0.11 - 0.271 mg/L (Pseudokirchneriella subcapitata) 72h EC50: 0.09 - 0.125 mg/L (Pseudokirchneriella subcapitata)	-

**Persistence and degradability** No information available.

**Bioaccumulative potential** No information available.

**Mobility in soil** No information available.

**Other adverse effects** No information available.

**13. Disposal considerations**

Disposal methods

<b>Waste from residues/unused products</b>	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
<b>Contaminated packaging</b>	Do not reuse empty containers.
<b>California waste information</b>	This product contains one or more substances that are listed with the State of California as a hazardous waste.

**14. Transport information**

<u>DOT</u> Transport hazard class(es)	NOT REGULATED N/A
<u>TDG</u>	Not applicable
<u>MEX</u>	Not applicable
<u>ICAO (air)</u>	Not applicable
<u>IATA</u> Transport hazard class(es)	Not applicable N/A
<u>IMDG</u> Transport hazard class(es)	Not applicable N/A

**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>IECSC</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>AIIC</b>	Contact supplier for inventory compliance status.
<b>NZIoC</b>	Contact supplier for inventory compliance status.
<b>TCSI</b>	Contact supplier for inventory compliance status.

**Legend:**

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS** - Japan Existing and New Chemical Substances
- IECSC** - China Inventory of Existing Chemical Substances
- KECL** - Korean Existing Chemicals Inventory
- PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- AIIC** - Australian Inventory of Industrial Chemicals
- NZIoC** - New Zealand Inventory of Chemicals
- TCSI** - Taiwan Chemical Substance Inventory

**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.

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Ferrous sulfate	1000 lb	-	-	X

**CAA (Clean Air Act)**

This product does not contain any substances regulated as pollutants pursuant to Clean Air Act (CAA).

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Ferrous sulfate	1000 lb	-

**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
Microcrystalline cellulose	X	X	X
Third Party Formulation (TP # 1822781)	-	-	X
Olus Oil/Vegetable Oil/Huile Végétale	-	X	X
Ferrous sulfate	X	X	X
Zinc	X	X	X
3rd Party %: 0.0422 (Third Party Formulation (TP # 1558814)), 3rd Party %: 0.0172 (Third Party Formulation (TP # 1558986))	-	X	X
3rd Party %: 0.0024 (Third Party Formulation (TP # 1558986)), 3rd Party %: 0.053 (Third Party Formulation (TP # 1558986))	-	X	X

# 1817390))			
Manganese sulfate monohydrate	X	-	X
Vitamin B12	X	-	X
Third Party Formulation (TP # 1558814)	-	X	X
Copper carbonate hydroxide	X	-	X
Cobalt carbonate	X	-	X
Third Party Formulation (TP # 1558814)	X	X	X

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. Other information**

<b>NFPA</b>	Health hazards 2	Flammability 0	Instability 0	Special hazards -
<b>HMIS</b>	Health hazards 2	Flammability 0	Physical hazards 0	Personal protection X

**Key or legend to abbreviations and acronyms used in the safety data sheet**

List may include phrases which are not applicable to this product

ACGIH	American Conference of Governmental Industrial Hygienists
ADN	Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Europe)
ADR	Agreement concerning the International Carriage of Dangerous Goods by Road (Europe)
AiIC	Australian Inventory of Industrial Chemicals
ATE	Acute Toxicity Estimate
ASTM	American Society for the Testing of Materials
bar	Biological Reference Values for Chemical Compounds in the Work Area
BAT	Biological tolerance values for occupational exposure
BEL	Biological exposure limits
bw	Body weight
Ceiling	Maximum limit value
CMR	Carcinogen, Mutagen or Reproductive Toxicant
DOT	Department of Transportation (United States)
DSL	Domestic Substances List (Canada)
EmS	Emergency Schedule
ENCS	Existing and New Chemical Substances (Japan)
EPA	Environmental Protection Agency
GHS	Globally Harmonized System
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IBC	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ICAO	International Civil Aviation Organization
IECSC	Inventory of Existing Chemical Substances in China
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
ISO	International Organization for Standardization
KECI	Korean Existing Chemicals Inventory
LC50	Lethal Concentration to 50% of a test population
LD50	Lethal Dose to 50% of a test population (Median Lethal Dose)
MARPOL	International Convention for the Prevention of Pollution from Ships
NFPA	National Fire Protection Association

NIOSH	National Institute for Occupational Safety and Health
n.o.s.	Not Otherwise Specified
NOAEC	No Observed Adverse Effect Concentration
NOAEL	No Observed Adverse Effect Level
NOELR	No Observable Effect Loading Rate
NTP	National Toxicology Program (United States)
NZIoC	New Zealand Inventory of Chemicals
OECD	Organization for Economic Cooperation and Development
OEL	Occupational exposure limits
OSHA	Occupational Safety and Health Administration of the US Department of Labor
PBT	Persistent, Bioaccumulative and Toxic substance
PICCS	Philippines Inventory of Chemicals and Chemical Substances
PMT	Persistent, Mobile and Toxic
PPE	Personal protective equipment
QSAR	Quantitative Structure Activity Relationship
RID	Agreement concerning the International Carriage of Dangerous Goods by Rail (Europe)
SADT	Self-Accelerating Decomposition Temperature
SAR	Structure-activity relationship
SARA	Superfund Amendments and Reauthorization Act
SDS	Safety Data Sheet
SL	Surface Limit
STEL	Short Term Exposure Limit
STOT RE	Specific target organ toxicity - Repeated exposure
STOT SE	Specific target organ toxicity - Single exposure
TCSI	Taiwan Chemical Substance Inventory
TDG	Transport of Dangerous Goods (Canada)
TSCA	Toxic Substances Control Act (United States)
TWA	Time-Weighted Average
UN	United Nations
VOC	Volatile organic compounds
vPvB	Very Persistent and Very Bioaccumulative
vPvM	Very Persistent and Very Mobile
As	Allergenic substance
DS	Dermal Sensitizer
Ot	Ototoxicant
pOt	Ototoxicant - potential to cause hearing disorders
PS	Photosensitizer
RS	Respiratory Sensitizer
S	Sensitizer
poS	Sensitizer - capable of causing occupational asthma
Sa	Simple asphyxiant
Sd	Skin designation
pSd	Skin designation - potential for cutaneous absorption
Sdv	Skin designation - vacated
Sk	Skin notation
dSk	Skin notation - danger of cutaneous absorption
pSk	Skin notation - potential for cutaneous absorption

**Key literature references and sources for data used to compile the SDS**

U.S. Agency for Toxic Substances and Disease Registry (ATSDR)  
 U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 U.S. Environmental Protection Agency  
 Acute Exposure Guideline Level(s) (AEGL(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
 U.S. Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)  
Japan National Institute of Technology and Evaluation (NITE)  
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
U.S. National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
International Organization for Economic Co-operation and Development (OECD) Environment, Health, and Safety Publications  
International Organization for Economic Co-operation and Development (OECD) High Production Volume Chemicals Program  
International Organization for Economic Co-operation and Development (OECD) Screening Information Data Set  
United Nations World Health Organization (WHO)

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**Revision Note** No information available.

**Disclaimer**

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**End of Safety Data Sheet**