

SAFETY DATA SHEET

Revision Date 24-Aug-2023

Version 1

1. Identification

Product identifier

Product Name SpaGuard Sanitizer Rapid-Dissolve Chlorinating Tabs

Other means of identification

Product Code 42665BIO

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Swimming Pool Product

Restrictions on use Do not mix with other chemicals

Details of the supplier of the safety data sheet

Supplier Address

Recreational Water Products, Inc.
PO Box 1449
Buford, GA 30515-1449
Telephone: (800) 252-7665

Emergency telephone number

Emergency Telephone Chemtrec (Transportation) 1-800-424-9300, 703-527-3887
Poison Control Center (Medical) : (877) 800-5553

2. Hazard(s) identification

Classification

| | |
|--|-------------|
| Acute toxicity - Oral | Category 4 |
| Acute toxicity - Inhalation (Dusts/Mists) | Category 2 |
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 1 |
| Reproductive toxicity | Category 1B |
| Specific target organ toxicity (single exposure) | Category 3 |

Hazards not otherwise classified (HNOC)

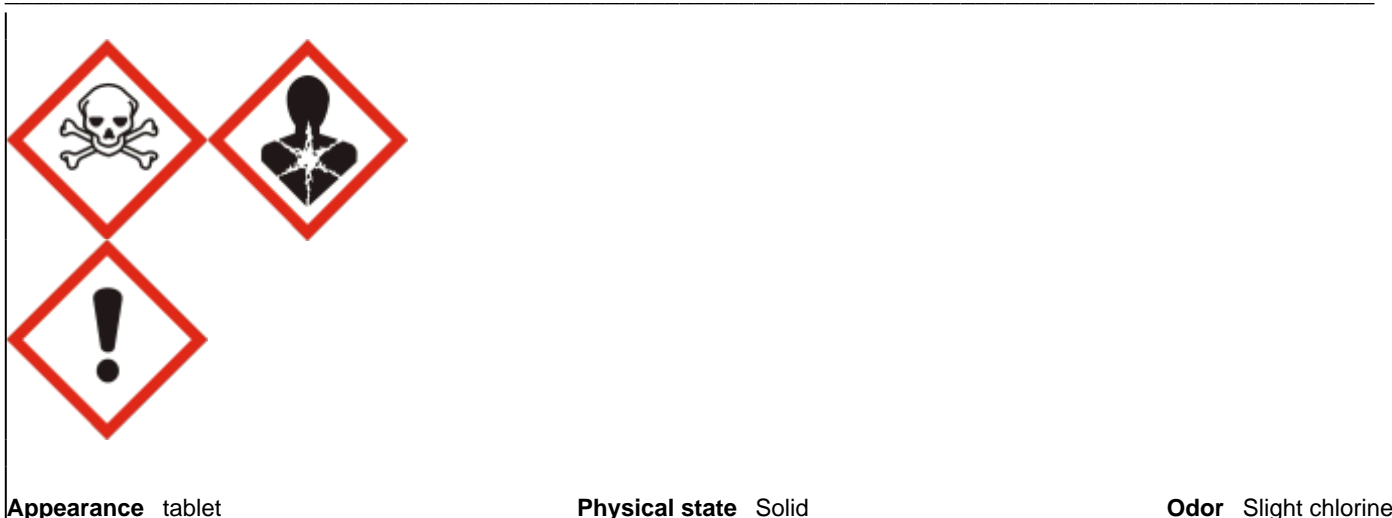
Not applicable

Label elements

Danger

Hazard statements

Harmful if swallowed
Toxic if inhaled
Causes skin irritation
Causes serious eye damage
May damage fertility or the unborn child
May cause respiratory irritation

**Appearance** tablet**Physical state** Solid**Odor** Slight chlorine

ATTENTION: Product as sold is not expected to produce respiratory effects. See Section 11 (Toxicological Information) for additional details on inhalation.

Precautionary Statements - Prevention

Obtain special instructions before use
 Do not handle until all safety precautions have been read and understood
 Wear protective gloves/clothing and eye/face protection
 Wash face, hands and any exposed skin thoroughly after handling
 Do not eat, drink or smoke when using this product
 Avoid breathing dust/fume/gas/mist/vapors/spray
 Use only outdoors or in a well-ventilated area

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention
 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/attention
 IF INHALED: Remove person to fresh air and keep comfortable for breathing
 If experiencing respiratory symptoms: Call a doctor
 IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell
 Rinse mouth
 In case of fire:
 Water only; no dry chemical, CO₂ or Halon

Precautionary Statements - Storage

Store locked up
 Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other Information

May be harmful in contact with skin. Very toxic to aquatic life with long lasting effects. Very toxic to aquatic life.

3. Composition/information on ingredients

Not applicable.

Mixture

| Chemical name | CAS No | Weight-% | Trade Secret |
|--|------------|----------|--------------|
| Sodium dichloro-s-triazinetrione dihydrate | 51580-86-0 | 72 | |
| Sodium tetraborate pentahydrate | 12179-04-3 | 3-5 | * |

| | | | |
|-------------------|------------|-----|---|
| aluminium sulfate | 10043-01-3 | 3-5 | * |
| boric acid | 10043-35-3 | <1 | * |

4. First-aid measures

Description of first aid measures

| | |
|---|---|
| General advice | Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention. Immediate medical attention is required. |
| Inhalation | Remove to fresh air. IF exposed or concerned: Get medical advice/attention. If breathing has stopped, give artificial respiration. Get medical attention immediately. Do not breathe dust. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen. |
| 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 off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing and wash before reuse. If skin irritation persists, call a physician. |
| Ingestion | Have person sip a glass of water if able to swallow. Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately. |
| Self-protection of the first aider | Avoid contact with skin, eyes or clothing. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Do not breathe dust. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Use personal protective equipment as required. See section 8 for more information. |

Most important symptoms and effects, both acute and delayed

| | |
|-----------------|---|
| Symptoms | May cause redness and tearing of the eyes. Burning sensation. Coughing and/ or wheezing. Difficulty in breathing. |
|-----------------|---|

Indication of any immediate medical attention and special treatment needed

| | |
|---------------------------|--|
| Note to physicians | Treat symptomatically. Probable mucosal damage may contraindicate the use of gastric lavage. |
|---------------------------|--|

5. Fire-fighting measures

| | |
|---|---|
| Suitable Extinguishing Media Large Fire | Flood fire area with water from a distance. CAUTION: Use of water spray when fighting fire may be inefficient. |
| Unsuitable extinguishing media | Do not use dry chemicals, carbon dioxide, or halogenated extinguishing agents. |
| Specific hazards arising from the chemical | Do not let the fire burn. Wet material may generate nitrogen trichloride, an explosion hazard. Thermal decomposition can lead to release of toxic and corrosive gases/vapors. |
| Hazardous combustion products | Chlorine gas. Nitrogen trichloride. Nitrogen. Phosgene. Cyanogen chloride. Carbon oxides. |
| Explosion data Sensitivity to mechanical impact | None. |

Sensitivity to static discharge None.

Special protective equipment and precautions for fire-fighters 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

Personal precautions Ensure adequate ventilation, especially in confined areas. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Avoid contact with skin, eyes or clothing. Avoid generation of dust. Do not breathe dust. Keep people away from and upwind of spill/leak.

Other information Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so. Do not add water to spilled material. Using clean dedicated equipment, sweep and scoop all spilled material, contaminated soil, and other contaminated material and place into clean dry containers for disposal. Do not close containers containing wet or damp material. They should be left open to disperse any hazardous gases that may form.

Methods for cleaning up Use personal protective equipment as required. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Sweep up and shovel into suitable containers for disposal. Pick up and transfer to properly labeled containers. Do not use floor sweeping compounds to clean up spills. Avoid generation of dust. Clean contaminated surface thoroughly. After cleaning, flush away traces with water. Do not transport wet or damp material. Contact supplier in Section 1 for instructions, especially for damp or contaminated material.

7. Handling and storage

Precautions for safe handling

Advice on safe handling Wash contaminated clothing before reuse. Do not mix with other chemicals. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Remove contaminated clothing and shoes. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Take off contaminated clothing and wash before reuse. Avoid breathing vapors or mists.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep out of the reach of children. Keep container tightly closed in a dry and well-ventilated place. Keep cool. Protect from sunlight. Keep in properly labeled containers.

8. Exposure controls/personal protection

Control parameters

Exposure Limits The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure

limits from the sources listed here.

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH |
|---|---|---|-----------------------------|
| Sodium tetraborate pentahydrate 12179-04-3 | STEL: 6 mg/m ³ inhalable particulate matter TWA: 2 mg/m ³ inhalable particulate matter | (vacated) TWA: 10 mg/m ³ | TWA: 1 mg/m ³ |
| aluminium sulfate 10043-01-3 | - | (vacated) TWA: 2 mg/m ³ Al Aluminum | TWA: 2 mg/m ³ Al |
| boric acid 10043-35-3 | STEL: 6 mg/m ³ inhalable particulate matter TWA: 2 mg/m ³ inhalable particulate matter | - | - |

Other Information

Chlorine and chlorine compounds may be found in slight amounts in the head space of containers of this product. Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls**Engineering controls**

Showers
Eyewash stations
Ventilation systems.

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

If splashes are likely to occur, wear safety glasses with side-shields.

Hand protection

Wear suitable gloves.

Skin and body protection

Wear protective gloves and protective clothing. 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.

General hygiene considerations

Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not breathe dust. Take off contaminated clothing and wash before reuse. Contaminated work clothing must not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended.

9. Physical and chemical properties

Information on basic physical and chemical properties

| | |
|----------------|-------------------|
| Physical state | Solid |
| Appearance | tablet |
| Color | white |
| Odor | Slight chlorine |
| Odor threshold | No data available |

Property**Values****Remarks • Method**

| | | |
|--------------------------------|-------------------|-----------------------|
| pH | 7 - 8 | in 1% Solution |
| Melting point / freezing point | No data available | Decomposes on heating |
| 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 | | None known |
| 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 | |
| Water solubility | Soluble in water | |
| Solubility in other solvents | No data available | None known |
| Partition coefficient | No data available | None known |
| Autoignition temperature | No data available | None known |
| Decomposition temperature | | None known |
| Kinematic viscosity | No data available | None known |
| Dynamic viscosity | No data available | None known |

Other information

| | |
|----------------------|----------------------------|
| Explosive properties | No information available |
| Oxidizing properties | No information available |
| Softening point | No Information Available |
| Molecular weight | No Information Available |
| VOC content | No information available |
| Density | No Information Available |
| Bulk density | 63 - 68 lb/ft ³ |

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 | Do not mix with other chemicals. Excessive heat. Extremes of temperature and direct sunlight. Protect from moisture. |
| Incompatible materials | Incompatible with strong acids and bases. Ammonia. Calcium hypochlorite. Combustible material. Reducing agent. Do not mix with other swimming pool/spa chemicals in their concentrated forms. |
| Hazardous decomposition products | Chlorine gas. Nitrogen trichloride. Nitrogen. Cyanogen chloride. Phosgene. Carbon oxides. |

11. Toxicological information**Information on likely routes of exposure****Product Information**

| | |
|---------------------|--|
| Inhalation | This material in the form as sold is not expected to produce respiratory effects. Particles of respirable size are generally not encountered. The respirable fraction is typically less than 0.1% by weight. If ground or otherwise in a powdered form, effects similar to a corrosive substance may occur. Exposure to the solid product or to free chlorine evolving from the product may cause irritation, redness of upper and lower airways, coughing, laryngospasm and edema, shortness of breath, bronchoconstriction, and possible pulmonary edema. The pulmonary edema may develop several hours after a severe acute exposure. Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. Toxic by inhalation. |
| Eye contact | Severely irritating to eyes. Causes serious eye damage. Corrosive to the eyes and may cause severe damage including blindness. |
| Skin contact | Irritating to skin. Contact with moist skin may cause skin burns. |
| Ingestion | Harmful if swallowed. |

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms May cause redness and tearing of the eyes. Coughing and/ or wheezing. Difficulty in breathing.

Acute toxicity

Numerical measures of toxicity

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

Oral LD50 > 500 mg/kg (rat)
 Dermal LD50 > 2020 mg/kg (rat)
 Inhalation LC50 > 0.51 mg/l

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--|-----------------------|-------------------------|-------------------------|
| Sodium dichloro-s-triazinetrione dihydrate 51580-86-0 | = 1823 mg/kg (Rat) | - | - |
| Sodium tetraborate pentahydrate 12179-04-3 | = 2403 mg/kg (Rat) | - | - |
| aluminium sulfate 10043-01-3 | = 770 mg/kg (Mouse) | > 5000 mg/kg (Rabbit) | - |
| boric acid 10043-35-3 | = 2660 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | > 0.16 mg/L (Rat) 4 h |

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

Skin corrosion/irritation DRY MATERIAL CAUSES MODERATE SKIN IRRITATION, WET MATERIAL CAUSES SKIN BURNS. May cause skin irritation.

Serious eye damage/eye irritation Classification based on data available for ingredients. Causes serious eye irritation.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity This product contains a boron compound. This boron compound when fed to test animals at very high doses has shown reproductive and developmental toxicity. When this product is used according to label directions, the boron compound in this product does not represent a practical risk to humans. Contains a known or suspected reproductive toxin. Classification based on data available for ingredients. May damage fertility or the unborn child.

STOT - single exposure May cause respiratory irritation.

STOT - repeated exposure No information available.

Target organ effects Eyes, Respiratory system, Skin.

Aspiration hazard No information available.

Other adverse effects No Information Available.

Interactive effects No Information Available.

12. Ecological information

Ecotoxicity Very toxic to aquatic life with long lasting effects.

| Chemical name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|---------------------------------|----------------------|---|----------------------------|---|
| aluminium sulfate 10043-01-3 | - | LC50: =27.9mg/L (96h, Pimephales promelas) | - | - |
| boric acid 10043-35-3 | - | - | - | EC50: 115 - 153mg/L (48h, Daphnia magna) |

Persistence and degradability No Information Available.

Bioaccumulation Bioaccumulative potential.

Component Information

| Chemical name | Partition coefficient |
|--------------------------|-----------------------|
| boric acid 10043-35-3 | -0.757 |

Other adverse effects No information available.

13. Disposal considerations

Waste treatment methods

Waste from residues/unused products Dispose of waste in accordance with environmental legislation. Dispose of in accordance with local regulations.

Contaminated packaging Do not reuse empty containers.

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

14. Transport information

Note: Not regulated by DOT and TDG if shipped or transported in packaging less than 400KG by road and/or rail. Product classified as UN 3077 or UN 3082 that are shipped in containers not exceeding 5 kg or 5 L may ship as Not Subject to the provisions of the IMDG Code and Not Restricted under IATA. Refer to IMDG Ch 2.10 and IATA SP-A197.

DOT Not regulated

IATA

UN number or ID number UN3077
Proper shipping name Environmentally hazardous substance, solid, n.o.s. (Sodium dichloro-s-triazinetrione dihydrate)
Transport hazard class(es) 9
Packing group III
Description UN3077, Environmentally hazardous substances, solid, n.o.s. (Sodium dichloro-s-triazinetrione dihydrate), 9, III

IMDG

| | |
|-----------------------------------|--|
| UN number or ID number | UN3077 |
| Proper shipping name | Environmentally hazardous substance, solid, n.o.s. (Sodium dichloro-s-triazinetrione dihydrate) |
| Transport hazard class(es) | 9 |
| Packing Group | III |
| EmS-No | F-A, S-F |
| Description | UN3077, Environmentally hazardous substances, solid, n.o.s. (Sodium dichloro-s-triazinetrione dihydrate), 9, III |

15. Regulatory information**International Inventories**

TSCA Complies.

DSL/NDSL Complies.

*Contact supplier for details. One or more substances in this product are either not listed on the US TSCA inventory, listed on the confidential US TSCA inventory or are otherwise exempted from inventory listing requirements

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

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 |
|---------------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| aluminium sulfate 10043-01-3 | 5000 lb | - | - | X |

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 | Reportable Quantity (RQ) |
|---------------------------------|--------------------------|------------------------------------|--|
| aluminium sulfate 10043-01-3 | 5000 lb | - | RQ 5000 lb final RQ RQ 2270 kg final RQ |

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 |
|--|------------|---------------|--------------|
| Sodium dichloro-s-triazinetrione dihydrate 51580-86-0 | - | X | X |
| Sodium tetraborate pentahydrate 12179-04-3 | X | X | - |
| aluminium sulfate 10043-01-3 | X | X | X |
| boric acid 10043-35-3 | X | - | - |

U.S. EPA Label Information**EPA Pesticide Registration Number** 67262-46**EPA Statement**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

Difference between SDS and EPA Pesticide label

DANGER: Corrosive. Causes irreversible eye damage. May be fatal if inhaled. Causes skin irritation. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Do not breathe dust or vapor. Wear long-sleeved shirt and long pants, safety glasses or goggles and use rubber gloves when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Prolonged and frequently repeated skin contact may cause allergic reactions in some individuals.

16. Other information

| | | | | |
|-------------|---------------------------|-----------------------|---------------------------|------------------------------|
| NFPA | Health hazards 3 | Flammability 1 | Instability 1 | Special hazards - |
| HMIS | Health hazards 3 * | Flammability 1 | Physical hazards 1 | Personal protection B |

Chronic Hazard Star Legend * = Chronic Health Hazard

Key or legend to abbreviations and acronyms used in the safety data sheet**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

| | | | |
|---------|-----------------------------|------|----------------------------------|
| TWA | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value | * | Skin designation |

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

Agency for Toxic Substances and Disease Registry (ATSDR)
 U.S. Environmental Protection Agency ChemView Database
 European Food Safety Authority (EFSA)
 EPA (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)
 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)
 National Toxicology Program (NTP)
 New Zealand's Chemical Classification and Information Database (CCID)
 Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
 Organization for Economic Co-operation and Development High Production Volume Chemicals Program
 Organization for Economic Co-operation and Development Screening Information Data Set
 World Health Organization

Revision Date 24-Aug-2023

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