Iodized Salt Blends

Safety Data Sheet

According To Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules And Regulations And According To The Hazardous Products Regulation (December 15, 2022).

Revision Date: Date of Issue: 04/28/2025 Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: Iodized Salt Blends

Synonyms: Iodized Table Salt and Pepper Shaker
Iodized Table Salt Bags Eastern
Iodized Table Salt Bags Grand Saline
Iodized Salt for Mexico
Iodized Snack Flour Salt
Iodized Star Flake Dendritic ES
Iodized Table Salt Boxes
Iodized Table Salt Cans
Iodized Pink Himalayan

1.2 Recommended Use and Restrictions on Use

Use of the Substance/Mixture: Food and Chemical Additive or Processing – See product data sheets for more information

Restrictions on use: No additional information available.

1.3. Name, Address, and Telephone of the Responsible Party

Company
Morton Salt, Inc.
40 Corporate Woods
9401 Indian Creek Parkway, Suite 1500
Overland Park, KS 66210
T: 913-391-7258
www.mortonsalt.com

1.4. Emergency Telephone Number

Emergency Number : 913-391-7258

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US/CA Classification
Not classified.

2.2. Label Elements

GHS-US/CA Labeling

No labeling applicable according to 29 CFR 1910.1200 and the Hazardous Products Regulations (HPR) SOR/2022-272.

2.3 Hazards associated with known or reasonably anticipated uses

This product is intended for various processes, and the hazards listed in Section 2.3 cannot cover all chemistries. Therefore, a Process Hazard Analysis (PHA) or other hazard assessment for specific end uses should be performed to ensure that hazards are fully understood, and adequate safety measures are in place. See Section 10 for relevant reactivity and stability information.

2.4. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions. Reaction with strong acids will release toxic gases.

2.4. Unknown Acute Toxicity (GHS-US/CA)

No additional information available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

Name	Synonyms	Product Identifier	% *	GHS Ingredient Classification
Sodium chloride	Sea salt / Sodium chloride (NaCl) / SODIUM CHLORIDE / Sodium salt of hydrochloric acid / Salt / SEA SALT	(CAS-No.) 7647-14-5	98 – 100	Not classified.
Hydroxylapatite (Ca5(OH)(PO4)3)	Hydroxyapatite / Hydroxylapatite / HYDROXYAPATITE / Durapatite / Calcium hydroxyapatite / Calcium hydroxylapatite / CALCIUM HYDROXYAPATITE / Tribasic calcium phosphate / Pentacalcium hydroxide tris(phosphate)	(CAS-No.) 1306-06-5	0.5 – 2	Not classified.
Silicic acid, aluminum sodium salt	Aluminosilicic acid, sodium salt / Sodium aluminosilicate / Sodium aluminum silicate / Silicic acid, aluminium sodium salt / Sodium alumino silicate / Zeolites / Sodium silicoaluminate / SODIUM SILICOALUMINATE / Sodium aluminosilicate, synthetic / Aluminum sodium silicate / Eza zeolite A / Modified kaolin clay / Decalso / Aluminum sodium salt of silicic acid / Silicic acid aluminium sodium salt	(CAS-No.) 1344-00-9	0.1 – 1	Not classified.
Calcium silicate	Calcium silicate (synthetic) / Silicic acid, calcium salt / Calcium silicate, synthetic / Calcium silicate, synthetic nonfibrous / CALCIUM SILICATE / Calcium silicate synthetic nonfibrous	(CAS-No.) 1344-95-2	0.1 – 1	Not classified.
Thiosulfuric acid (H2S2O3), disodium salt, pentahydrate	Thiosulfate, sodium, pentahydrate / Sodium thiosulfate, pentahydrate / Thiosulfuric acid, disodium salt, pentahydrate / Sodium thiosulfate pentahydrate / Sodium thiosulphate pentahydrate / Disodium thiosulfate pentahydrate / Sodium thiosulfate / Disodium sulfurothioate pentahydrate	(CAS-No.) 10102-17-7	0.1 – 1	Not classified.
Ferrate(4-), hexakis(cyano-C)-, tetrasodium, (OC-6-11)-	Ferrate(4-), hexakis(cyano-.kappa.C)-, tetrasodium, (OC-6-11)- / Sodium ferrocyanide / Tetrasodium hexacyanoferrate / Ferrate(4-), hexakis(cyano-.kappa.C)-, sodium (1:4), (OC-6-11)- / Tetrasodium ferrocyanide / SODIUM FERROCYANIDE / Sodium ferricyanide	(CAS-No.) 13601-19-9	< 0.1	Aquatic Acute 2, H401 Aquatic Chronic 2, H411
.alpha.-D-Glucopyranose	.alpha.-D-Glucose / .alpha.-d-glucopyranose / .alpha.-d-Glucopyranose	(CAS-No.) 492-62-6	< 0.1	Not classified.
Potassium iodide (KI)	Potassium iodide / POTASSIUM IODIDE	(CAS-No.) 7681-11-0	< 0.1	STOT RE 1, H372
Sodium bicarbonate	Baking soda / Carbonic acid, monosodium salt / Monosodium carbonate / Sodium bicarbonate (1:1) / Sodium hydrogen carbonate / Sodium hydrogencarbonate / Carbonic acid sodium salt (1:1) / SODIUM BICARBONATE	(CAS-No.) 144-55-8	< 0.1	Not classified.

* The actual concentration of ingredient(s) is withheld as a trade secret in accordance with the Hazardous Products Regulations (HPR) SOR/2022-272 and 29 CFR 1910.1200. Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%). Full text of H-statements: see section 16. This mixture has a variable composition; not all ingredients will be present in all formulations.

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: Using proper respiratory protection, immediately move the exposed person to fresh air. Encourage exposed person to cough, spit out, and blow nose to remove dust. Obtain medical attention if breathing difficulty persists.

Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 5 minutes. Obtain medical attention if irritation develops or persists.

Eye Contact: Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

Ingestion: This product is intended for oral use. Ingestion is not expected to be harmful when used as directed.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

General: Not expected to present a significant hazard under anticipated conditions of normal use.

Inhalation: Prolonged exposure may cause irritation.

Skin Contact: Skin contact with large amounts of dust may cause mechanical irritation.

Eye Contact: Eye contact with dust may cause mechanical irritation.

Ingestion: This product is intended for food use. Ingestion is not expected to be harmful. Overexposure may result in : Abdominal pain. Nausea. Vomiting.

Chronic Symptoms: None known.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: None known.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not flammable.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Sodium oxides. Calcium oxides. Phosphorus oxides. Chlorides. Silica compounds. Iodine.

Other Information: No additional information available.

5.4. Reference to Other Sections

Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid prolonged contact with eyes, skin and clothing. Avoid breathing dust.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Recover the product by vacuuming, shoveling or sweeping. Vacuum clean-up is preferred. If sweeping is required use water mist as a dust suppressant. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Reaction with strong acids will release toxic gases. Do not dry clean dust covered objects and floors. Use water plus a cleaning agent for cleanup.

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing dust.

Handling Temperature: No temperature range is provided

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

Storage Area: Store in a dry area. Material is hygroscopic.

7.3. Specific End Use(s)

Food and Chemical Additive or Processing – See product data sheets for more information

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), or Canadian provincial governments.

Calcium silicate (1344-95-2)		
USA OSHA	OSHA PEL TWA	15 mg/m³ (total dust) 5 mg/m³ (respirable fraction)
USA NIOSH	NIOSH REL TWA	10 mg/m³ (total dust) 5 mg/m³ (respirable dust)
Alberta	OEL TWA	10 mg/m³ (synthetic, nonfibrous)
British Columbia	OEL TWA	1 mg/m³ (for Calcium silicate that is naturally occurring as Wollastonite-inhalable (Calcium silicate, naturally occurring as Wollastonite)
Nunavut	OEL STEL	20 mg/m³ (synthetic, non-fibrous)
Nunavut	OEL TWA	10 mg/m³ (synthetic, non-fibrous)
Northwest Territories	OEL STEL	20 mg/m³ (synthetic, non-fibrous)
Northwest Territories	OEL TWA	10 mg/m³ (synthetic, non-fibrous)
Québec	VEMP (OEL TWAEV)	1 mg/m³ (containing no Asbestos and <1% Crystalline silica-inhalable aerosol fraction)
Saskatchewan	OEL STEL	20 mg/m³ (nonfibrous)
Saskatchewan	OEL TWA	10 mg/m³ (nonfibrous)
Yukon	OEL TWA	30 mppcf 10 mg/m³

8.2. Exposure Controls

Appropriate Engineering Controls: Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles or glasses.

Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear protective gloves.

Eye and Face Protection: Chemical safety goggles or safety glasses with side shields.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Thermal Hazard Protection: If material is hot, wear thermally resistant protective gloves.

Environmental Exposure Controls: Avoid unnecessary release into the environment.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	:	Solid
Color	:	Colorless to white crystalline
Odor	:	No data available
Odor Threshold	:	No data available
pH	:	No data available
Evaporation Rate	:	No data available

Melting Point	:	No data available
Freezing Point	:	No data available
Boiling Point	:	No data available
Flash Point	:	No data available
Auto-ignition Temperature	:	No data available
Decomposition Temperature	:	No data available
Flammability (solid, gas)	:	No data available
Lower Flammable Limit	:	No data available
Upper Flammable Limit	:	No data available
Vapor Pressure	:	No data available
Relative Vapor Density at 20°C	:	No data available
Relative Density	:	No data available
Specific Gravity	:	No data available
Solubility	:	Soluble
Partition Coefficient: N-Octanol/Water	:	No data available
Viscosity, Kinematic	:	No data available
Particle Size	:	No data available
Particle Size Distribution	:	No data available
Particle Shape	:	No data available
Particle Aspect Ratio	:	No data available
Particle Aggregation State	:	No data available
Particle Agglomeration State	:	No data available
Particle Specific Surface Area	:	No data available
Particle Dustiness	:	No data available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity:

Hazardous reactions will not occur under normal conditions.

10.2. Chemical Stability:

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of Hazardous Reactions, Including those Associated with Foreseeable Emergencies:

Hazardous polymerization will not occur. Contact with strong acids liberates toxic gases.

10.4. Conditions to Avoid:

Direct sunlight, extremely high or low temperatures, and incompatible materials. Avoid creating or spreading dust.

10.5. Incompatible Materials:

Strong acids, strong bases, strong oxidizers.

10.6. Hazardous Decomposition Products:

Thermal decomposition may produce: Sodium oxides. Calcium oxides. Phosphorus oxides. Chlorides. Silica compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects - Product

Likely routes of exposure: Dermal, Eye Contact, Inhalation, Oral.

Acute Toxicity (Oral): Not classified.

Acute Toxicity (Dermal): Not classified.

Acute Toxicity (Inhalation): Not classified.

LD50 and LC50 Data:

No additional information available

Skin Corrosion/Irritation: Not classified.

Eye Damage/Irritation: Not classified.

Respiratory or Skin Sensitization: Not classified.

Germ Cell Mutagenicity: Not classified.

Carcinogenicity: Not classified.

Specific Target Organ Toxicity (Repeated Exposure): Not classified.

Reproductive Toxicity: Not classified.

Specific Target Organ Toxicity (Single Exposure): Not classified.

Aspiration Hazard: Not classified.

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: Skin contact with large amounts of dust may cause mechanical irritation.

Symptoms/Injuries After Eye Contact: Eye contact with dust may cause mechanical irritation.

Symptoms/Injuries After Ingestion: This product is intended for food use. Ingestion is not expected to be harmful. Overexposure may result in : Abdominal pain. Nausea. Vomiting.

Chronic Symptoms: None known.

11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Sodium chloride (7647-14-5)	
LD50 Oral Rat	3550 mg/kg (Species: Wistar)
LD50 Dermal Rabbit	> 10000 mg/kg (Species: New Zealand White)
LC50 Inhalation Rat	> 42 mg/l (Exposure time: 1 h Source: ECHA_API)
Hydroxylapatite (Ca5(OH)(PO4)3) (1306-06-5)	
LD50 Oral Rat	> 25350 mg/kg (Source: NLM_CIP)
Silicic acid, aluminum sodium salt (1344-00-9)	
LD50 Oral Rat	> 10000 mg/kg (Source: ECHA)
LD50 Dermal Rabbit	> 5000 mg/kg (Source: ECHA_API)
LC50 Inhalation Rat	> 5.221 mg/l/4h
Calcium silicate (1344-95-2)	
LD50 Oral Rat	> 5000 mg/kg (Source: OECD_SIDS)
Ferrate(4-), hexakis(cyano-C)-, tetrasodium, (OC-6-11)- (13601-19-9)	
LD50 Oral Rat	> 5110 mg/kg (Source: ECHA)
LD50 Dermal Rat	> 2000 mg/kg (Source: ECHA_API)
Potassium iodide (KI) (7681-11-0)	
LD50 Dermal Rat	> 2000 mg/kg (Source: ECHA_API)
Sodium bicarbonate (144-55-8)	
LD50 Oral Rat	4220 mg/kg (Source: NLM_CIP)
LD50 Dermal Rat	> 2000 mg/kg (Source: JAPAN_GHS)
LC50 Inhalation Rat	5.33 mg/l/4h

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General: Not classified.

Sodium chloride (7647-14-5)	
LC50 Fish 1	5560 (5560 – 6080) mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through])
EC50 - Crustacea [1]	1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	12946 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)
EC50 - Crustacea [2]	340.7 (340.7 – 469.2) mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
NOEC Chronic Fish	252 mg/l (Species: Pimephales promelas)
Silicic acid, aluminum sodium salt (1344-00-9)	
LC50 Fish 1	1800 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static] Source: IUCLID)
EC50 - Crustacea [1]	1000 – 1800 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	3200 – 5600 mg/l (Exposure time: 96 h - Species: Oryzias latipes [semi-static] Source: EPA)
Ferrate(4-), hexakis(cyano-C)-, tetrasodium, (OC-6-11)- (13601-19-9)	
LC50 Fish 1	> 100 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [static] Source: ECHA)
ErC50 algae	3.1 mg/l (Exposure time: 72h - Species: Pseudokirchneriella subcapitata)
Potassium iodide (KI) (7681-11-0)	
LC50 Fish 1	896 mg/l LC50/96h/Oncorhynchus mykiss

Sodium bicarbonate (144-55-8)	
LC50 Fish 1	8250 – 9000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: IUCLID)
EC50 - Crustacea [1]	2350 mg/l (Exposure time: 48 h - Species: Daphnia magna)

12.2. Persistence and Degradability

Iodized Salt Blends	
Persistence and Degradability	Not established.

12.3. Bioaccumulative Potential

Iodized Salt Blends	
Bioaccumulative Potential	Not established.

Sodium chloride (7647-14-5)	
BCF Fish 1	(no bioaccumulation)

Potassium iodide (KI) (7681-11-0)	
BCF Fish 1	0.267 mg/l

12.4. Mobility in Soil

No additional information available

12.5. Other Adverse Effects

Other Information: Avoid unnecessary release into the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Treatment Methods: Can be landfilled or incinerated, when in compliance with local regulations.

Sewage Disposal Recommendations: Diluted product may be released into sewers in small amounts. Undiluted product should not be introduced to sewer systems. Product should not be introduced into stormwater systems.

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Additional Information: Empty containers may be recycled after cleaning.

Ecology - Waste Materials: Avoid unnecessary release into the environment.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT

Not regulated for transport

14.2. In Accordance with IMDG

Not regulated for transport

14.3. In Accordance with IATA

Not regulated for transport

14.4. In Accordance with TDG

Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

Sodium chloride (7647-14-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Hydroxylapatite (Ca5(OH)(PO4)3) (1306-06-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Silicic acid, aluminum sodium salt (1344-00-9)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Calcium silicate (1344-95-2)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Ferrate(4-), hexakis(cyano-C)-, tetrasodium, (OC-6-11)- (13601-19-9)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Potassium iodide (KI) (7681-11-0)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Sodium bicarbonate (144-55-8)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

15.2. US State Regulations

Calcium silicate (1344-95-2)
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List

15.3. Canadian Regulations

Sodium chloride (7647-14-5)
Listed on the Canadian DSL (Domestic Substances List)

Hydroxylapatite (Ca5(OH)(PO4)3) (1306-06-5)
Listed on the Canadian DSL (Domestic Substances List)

Silicic acid, aluminum sodium salt (1344-00-9)
Listed on the Canadian DSL (Domestic Substances List)

Calcium silicate (1344-95-2)
Listed on the Canadian DSL (Domestic Substances List)

Ferrate(4-), hexakis(cyano-C)-, tetrasodium, (OC-6-11)- (13601-19-9)
Listed on the Canadian DSL (Domestic Substances List)

.alpha.-D-Glucopyranose (492-62-6)
Listed on the Canadian DSL (Domestic Substances List)

Potassium iodide (KI) (7681-11-0)
Listed on the Canadian DSL (Domestic Substances List)

Sodium bicarbonate (144-55-8)
Listed on the Canadian DSL (Domestic Substances List)

Thiosulfuric acid (H2S2O3), disodium salt, pentahydrate (10102-17-7)
Listed on the Canadian DSL (Domestic Substances List)

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision : 04/28/2025

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2022-272.

GHS Full Text Phrases:

H372	Causes damage to organs through prolonged or repeated exposure
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

Glossary of Data Source Abbreviations

ATSDR: Agency for Toxic Substances and Disease Registry (U.S. Department of Health and Human Services)
AU_WES: Australia WES
CHEMVIEW: ChemView (U.S. Environmental Protection Agency)
EC_RAR: European Commission Renewal Assessment Report
EC_SCOEL: European Commission Scientific Committee on Occupational Exposure Limits
ECETOC: European Centre for Ecotoxicology and Toxicology of Chemicals Reports
ECHA_API: European Chemicals Agency API
ECHA_RAC: ECHA Committee for Risk Assessment
EFSA: European Food Safety Authority
EPA: U.S. Environmental Protection Agency
EPA_AEGL: Acute Exposure Guideline Levels (U.S. Environmental Protection Agency)
EPA_FIFRA: Federal Insecticide, Fungicide, and Rodenticide Act Reregistration Eligibility Decision (U.S. Environmental Protection Agency)
EPA_HPV: High Production Volume Chemicals (U.S. Environmental Protection Agency)
EPA_TRED: Risk Assessment for Tolerance Reassessment Eligibility Decision (U.S.
FOOD_JOURN: Food Research Journal (1956)
IARC: The International Agency for Research on Cancer
IDLH: National Institute for Occupational Health and Safety Immediately Dangerous to Life or Health Value Profiles
IUCLID: International Uniform Chemical Information Database
JAPAN_GHS: Japan GHS Basis for Classification Data
JP_J-CHECK: Japan J-Check
KR_NIER: South Korea National Institute of Environmental Research Evaluations
NICNAS: Australia National Industrial Chemicals Notification and Assessment Scheme
NIOSH: National Institute for Occupational Health and Safety (U.S. Department of Health and Human Services)
NLM_CIP: National Library of Medicine ChemID plus database
NLM_HSDB: National Library of Medicine Hazardous Substance Data Bank
NLM_PUBMED: National Library of Medicine PubMed database
NTP: National Toxicology Program
NZ_CCID: New Zealand Chemical Classification and Information Database
OECD_EHSP: Environment, Health, and Safety Publication (Organisation for Economic Co-operation and Development)
OECD_SIDS: Screening Information Data Sets (Organisation for Economic Co-

Environmental Protection Agency)
EU_CLH: European Union Harmonised Classification and Labelling Proposal
EU_RAR: European Union Risk Assessment Report
operation and Development)
WHO: World Health Organization

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

NA GHS SDS 2024 (Can, US)