



SAFETY DATA SHEET

1. Product and Company Identification

Product identifier Salt

Other means of identification Sodium Chloride
Sifto Safe Step Standard Salt
Sifto Ice Salt
Sifto Sodium Chloride
Sifto Safe Step EnviroGuard
QwikSalt
Ice-A-Way
IceAway Turbo
IceAway Turbo Blue
Safe Step 3300
Aspen
Aspen Blue
Safe Step 4300 Dual Blend
Safe Step 4300 Dual Blend Blue
EconoBlend 370
Winter Storm
Winter Storm Blue
Safe Step Pro Series 550
Safe Step Pro Series 570
Safe Step 6300 Enviro Blend
Safe Step Pro Series 960 Choice Formula
Safe Step Sure Paws
Sifto Safe Step Sure Paws
American Stockman Animal Nutrition Products
Nature's Own water care products
Sure Soft water care products
Natural Salt water care
Pro Soft water care products

Recommended use De-icer. General industrial and water softening/conditioning purposes. Animal Nutrition.

Recommended restrictions None known.

Manufacturer Compass Minerals International
9900 West 109th Street, Suite 100
Overland Park, KS 66210 US
Phone 913-344-9200
Emergency US CHEMTREC 1-800-424-9300
Emergency Canada CANUTEC 1-800-996-6666

CHEMTREC 1-800-424-9300

CANUTEC 1-800-996-6666

2. Hazards Identification

Physical hazards

Health hazards Environmental hazards OSHA defined hazards

Label elements Hazard symbol

Not classified.

Not classified. Not classified. Not classified.

None.

Signal word None.

Hazard statement The product and/or mixture does not meet the criteria for classification.

Precautionary statement

Prevention Observe good industrial hygiene practices.

Response Wash hands after handling.

Storage Store away from incompatible materials, i.e, strong oxidizing agents (see Section 10)

Disposal Dispose of waste and residues in accordance with local authority requirements.

Hazard(s) not otherwise classified (HNOC)

None known.

Supplemental information Not applicable.

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3. Composition/Information on Ingredients

Salt and/or Salt Mixtures

Composition comments

The criteria for listing components in this section are: Carcinogens, Respiratory Sensitizers, Mutagens, Teratogens and Reproductive toxins are listed when present at 0.1% or greater; components which are otherwise hazardous according to WHMIS/OSHA are listed when present at 1.0% or greater. Non hazardous components are not listed. The products pertaining to this SDS have various proportions of components which do not meet the listing criteria.

4. First Aid Measures

Inhalation

Avoid breathing dust. If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

Skin contact Rinse skin with water/shower. Get medical attention if irritation develops and persists.

Eye contact Rinse with water. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. If ingestion of a large amount does occur, seek medical attention.

Most important symptoms/effects, acute and delayed

Indication of immediate medical attention and special treatment needed

Direct contact with eyes may cause temporary irritation.

Treat symptomatically.

5. Fire Fighting Measures

Suitable extinguishing media Salt and salt mixtures are non-combustible.

Unsuitable extinguishing media

Specific hazards arising from the chemical

Special protective equipment and precautions for firefighters

Fire-fighting equipment/instructions

Not applicable.

During fire, gases hazardous to health may be formed. Use appropriate firefighting PPE as a general precaution.

Salt is not combustible and is thus not the material of concern for firefighting equipment or methods.

Specific methods

In the event of a fire, equipment and methods that are consistent with the combusting material should be utilized.

General fire hazards No unusual fire or explosion hazards noted.

Hazardous combustion products

Explosion data

Sensitivity to mechanical impact

Sensitivity to static discharge

Personal precautions, protective equipment and emergency procedures

Methods and materials for containment and cleaning up

Chlorine. Hydrogen chloride. Oxides of sodium.

6. Accidental Release Measures

Restrict area to facilitate clean up.

Stop the flow of material, if this is without risk. Prevent direct entry into waterways and sewers. Following product recovery, flush area with water if necessary. For waste disposal, see section 13 of the SDS.

Environmental precautions Avoid direct release into waterways and sewers.

7. Handling and Storage

Precautions for safe handling Use care in handling/storage. Avoid breathing dust.

Conditions for safe storage, including any incompatibilities

Store in original tightly closed container. Store away from incompatible materials, i.e, strong oxidizing agents (see Section 10)

8. Exposure Controls/Personal Protection

Occupational exposure limits No exposure limits noted for ingredient(s).

Biological limit values No biological exposure limits noted for the ingredient(s).

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Appropriate engineering controls

TWA PEL: No specific limits have been established for sodium chloride (a soluble substance). As a guideline, OSHA (United States) has established the following limits which are generally recognized for inert or nuisance dust. Particulates Not Otherwise Regulated (PNOR): 5mg/cu.m. Respirable Dust 8-Hour TWA PEL, 15mg/cu.m. Total Dust 8-Hour TWA PEL.

TWA TLV: No specific limits have been established for sodium chloride (a soluble substance). As a guideline, ACGIH (United States) has established the following limits which are generally recognized for inert or nuisance dust. Particulates (insolubles) Not Otherwise Classified (PNOC): 10mg/cu.m. Inhalable Particulate 8-Hours TWA TLV, 3mg/cu.m. Respirable Particulate TWA TLV.

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Individual protection measures, such as personal protective equipment

Eye/face protection Safety glasses if eye contact is possible.

Skin protection

Hand protection If there is constant skin contact, rubber gloves are recommended.

Other Wear suitable protective clothing.

Respiratory protection No personal respiratory protective equipment normally required.

Thermal hazards Not applicable.

General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment.

9. Physical and Chemical Properties

Appearance Crystalline.

Physical state Solid.

Form Solid.

Color Varies

Odor Odorless

Odor threshold Not applicable

pH 6 - 8 (Neutral)

Melting point/freezing point Not applicable

Initial boiling point and boiling range

Not applicable

Pour point Not applicable

Specific gravity Not applicable

Partition coefficient (n-octanol/water)

Not applicable

Flash point Not applicable

Evaporation rate Not applicable

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)

Flammability limit - upper (%)

Not applicable Not applicable

Explosive limit - lower (%) Not applicable

Explosive limit - upper (%) Not applicable

Vapor pressure Not applicable

Vapor density Not applicable

Relative density Not applicable

Solubility(ies) Not available. **Auto-**

ignition temperature Not applicable

Decomposition temperature Not applicable

Viscosity Not applicable

10. Stability and Reactivity

Reactivity None known.

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Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

Chemical stability Material is stable under normal conditions.

Conditions to avoid Contact with incompatible materials, i.e strong oxidizing agents.

Incompatible materials Strong oxidizing agents.

Hazardous decomposition products

Chlorine gas. Hydrogen chloride. Oxides of sodium.

11. Toxicological Information

Information on likely routes of exposure

Ingestion Expected to be a low ingestion hazard.

Inhalation No adverse effects due to inhalation are expected.

Skin contact No adverse effects due to skin contact are expected.

Eye contact Direct contact with eyes may cause temporary irritation.

Symptoms related to the physical, chemical and toxicological characteristics

Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity Not classified.

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Exposure minutes Not available.

Erythema value Not available.

Oedema value Not available.

Serious eye damage/eye irritation

Direct contact with eyes may cause temporary irritation.

Corneal opacity value Not available.

Iris lesion value Not available.

Conjunctival reddening value

Not available.

Conjunctival oedema value Not available.

Recover days Not available.

Respiratory or skin sensitization

Respiratory sensitization Not available.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Teratogenicity Not classified.

Specific target organ toxicity - single exposure

Specific target organ toxicity - repeated exposure

Not classified. Not classified.

Aspiration hazard Not classified.

Chronic effects Not classified.

Further information This product has no known adverse effect on human health.

Name of Toxicologically Synergistic Products

Not available.

12. Ecological Information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential No data available.

Mobility in soil No data available.

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Mobility in general Not available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal Considerations

Disposal instructions Collect and reclaim or dispose in sealed containers in accordance with applicable regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport Information

U.S. Department of Transportation (DOT)

Not regulated as dangerous goods.

Transportation of Dangerous Goods (TDG - Canada)

Not regulated as dangerous goods.

15. Regulatory Information

Canadian federal regulations This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

WHMIS status Not Controlled

US federal regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - No

Delayed Hazard - No

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

SARA 302 Extremely hazardous substance

SARA 311/312 Hazardous chemical

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Safe Drinking Water Act (SDWA)

Food and Drug Administration (FDA)

No No

Not regulated. Not regulated.

US state regulations

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Not listed.

US. Massachusetts RTK - Substance List

Not regulated.

US. Pennsylvania RTK - Hazardous Substances

Not regulated.

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US. Rhode Island RTK

Not regulated.

Inventory status

Country(s) or region Inventory name On inventory(yes/no)*

Canada Domestic Substances List (DSL)

Canada Non-Domestic Substances List (NDSL)

United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

Yes No Yes

PHYSICAL HAZARD

PERSONAL PROTECTION

LEGEND

0
1
2
3

Severe 4

Moderate Slight Minimal

Serious

Disclaimer The information in the sheet was written based on the best knowledge and experience currently available. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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Further information Not available.

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Other information This Safety Data Sheet was prepared to comply with the current OSHA Hazard Communication Standard (HCS) adoption of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).
This SDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.

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