SAFETY DATA SHEET

1. Product and Company Identification

Product identifier **Salt (Fine Salt)**
Other means of identification Sodium Chloride

Recommended use De-icing Roads, Water Conditioning, Animal Nutrition, Through Electrolysis Produces Hydrogen and Chlorine Gas.
Recommended restrictions None known.

2. Hazards Identification

Physical hazards Not classified.
Health hazards Not classified.
Environmental hazards Not classified.
OSHA defined hazards Not classified.

Label elements
Hazard symbol 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.

3. Composition/Information on Ingredients

Mixture

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 symptom/effects, acute and delayed Direct contact with eyes may cause temporary irritation.

Indication of immediate medical attention and special treatment needed Treat symptomatically.

1. Fire Fighting Measures

Specific hazards arising from the chemical During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters Use appropriate firefighting PPE as a general precaution.

Fire-fighting equipment/ Instructions Water spray, dry chemical, alcohol foam, or carbon dioxide.

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 Chlorine. Hydrogen chloride. Oxides of sodium.

Explosion data

- **Sensitivity to mechanical impact** Not available.
- **Sensitivity to static Discharge** Not available.

Flammable Properties Not Flammable

Auto Ignition Temperature Not Applicable

Flash Point Not Applicable

Flammable Limits In Air, % by Volume lel: NA%; uel: NA%

2. Accidental Release Measures

Personal precautions, Protective equipment and Emergency procedures Restrict area to facilitate clean up.

Methods and materials for Containment and cleaning up Stop the flow of material, if this is without risk. Prevent direct entry into waterways and sewers. Follow 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.

3. 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)

4. Exposure Controls/Personal Protection

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

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

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 Regulate (PNOR): 5mg/cu.m. Respirable Dust 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 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.

5. 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 (%)	Not applicable
Flammability limit – upper (%)	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 applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Not applicable
Viscosity	Not applicable

10.Stability and Reactivity

Reactivity	None known.
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

Ingestions	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.

Product	Species	Test Results
Salt (CAS Mixture)		
Acute		
Inhalation		
LC50	Rat	21 mg/L, estimated

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.
Corenal opacity value Not available.
Iris lesion value Not available.
Conjunctival reddening Not available.
Recover days Not available.
Respiratory of 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 Not classified.
Specific target organ toxicity - repeated exposure 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.
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 product

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 CRF 707, Subpt. D)

Not Regulated.

-CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

-Clean Air Act (CAA) Section 112® 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

No

-SARA 311/312 Hazardous chemical

No

-SARA 313 (TRI reporting)

Not regulated

Other federal regulations

-Safe Drinking Water Act (SDWA)

Not regulated.

-Food and Drug Administration (FDA)

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.

-US. Rhode Island RTK

Not regulated.

Inventory status

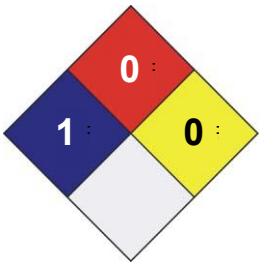
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

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

16. Other Information

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X



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 or any information contained in this document.

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Other information This Safety Data Sheet was prepared to comply with the current OSHA Hazard Communications 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.