



Manufacturer of Specialty Chemicals

Safety Data Sheet

Section 1. Identification		
Product Identifier	Sodium Chloride	Version: 5 Effective Date: 25 January 2021
Other Means Of Identification	None	
Initial Supplier Identifier	Chemfax Products Ltd. 11444 – 42 Street SE Calgary, AB T2C 5C4 Tel: 403-287-2055	
Recommended Use and Restrictions On Use	Industrial Chemical. No restrictions.	
Product Family	Inorganic salt	
Emergency Phone	1-855-887-2055 Monday - Friday 8:00am - 4:30pm MST	

Section 2. Hazard Identification	
Hazard Classification	Not a regulated product
Signal Word	None
Hazard Statement	None
Precautionary Prevention Statement	Non Hazardous
Precautionary Response Statement	Non Hazardous
Precautionary Storage Statement	Non Hazardous
Precautionary Disposal Statement	Non Hazardous
Other Hazards	None

Section 3. Composition / Information on Ingredients			
Chemical Name	Common Name or Synonyms	CAS NO. and Other Unique Identifiers	% by weight
Sodium Chloride	None	7647-14-5	100

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Section 4. First-Aid Measures	
Eye Contact	Flush eyes with water for 15 minutes. Seek medical attention.
Skin Contact	Wash skin with water.
Inhalation	Remove victim to fresh air. If there is difficulty breathing, seek immediate medical attention.
Ingestion	Rinse mouth with water if conscious. Do not induce vomiting. Lay victim on left side to prevent aspiration of any vomit. Seek immediate medical attention.
Most Important Symptoms and Effects Both Acute and Delayed	Causes serious eye irritation.
Immediate Medical Attention and Special Treatment	Treat symptomatically. Symptoms may be delayed.

Section 5. Fire-Fighting Measures	
Suitable and Unsuitable Extinguishing Media	Use extinguishing media appropriate for surrounding fire.
Hazardous Combustion Products	At extreme temperatures, sodium oxide may be formed.
Specific Hazards Arising From the Product	During fire, gases hazardous to health may be formed.
Special Protective Equipment and Precautions For Fire-Fighters	Firefighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool containers and structures exposed to fire.

Section 6. Accidental Release Measures	
Personal Precautions, Protective Equipment and Emergency Procedures	Not required under normal conditions of use. Keep unauthorized personnel away. Keep upwind.
Environmental Precautions	Do not allow to enter waterways and sewer systems.
Methods and Materials For Containment and Clean-Up	Scoop up product, place in a dry container. Wash area with water.

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Section 7. Handling and Storage	
Precautions For Safe Handling	Avoid generating dust.
Conditions For Safe Storage	Store in a cool dry place. Keep containers closed when not in use.

Section 8. Exposure Controls / Personal Protection				
Control Parameters	TWA: 8 Hr	STEL: 15 min	Ceiling	IDLH *
	All components are non-hazardous.			
Exposure Controls	Local exhaust ventilation			
Appropriate Engineering Controls	None			
Individual Protective Measures				
Eye / Face Protection	Wear chemical safety goggles			
Skin Protection	Gloves			
Respiratory Protection	Dust mask			

Section 9. Physical and Chemical Properties	
Appearance	White granules
Odour	None
Odour Threshold	Not applicable
pH	7 - 8
Flash Point	Not applicable
Boiling Point and Boiling Range	1413 °C
Melting Point and Freezing Point	801 °C
Evaporation Rate	Not applicable
Flammability (solid, gas)	Not flammable
Upper and Lower Flammability or Explosive Limits	No data
Vapour Pressure	Not applicable
Vapour Density	Not applicable
Relative Density	2.165
Solubility	Soluble
Partition co-efficient, n-Octanol/Water	No data
Auto-ignition Temperature	Not applicable

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Decomposition Temperature	No data
Viscosity	Not applicable

Section 10. Stability and Reactivity	
Reactivity	Stable
Chemical Stability	The product is stable
Possibility of Hazardous Reactions	None
Conditions to Avoid	Extreme temperatures. Exposure to moist air or water.
Incompatible Materials	This product will react with most non-noble metals such as iron and steel, building materials such as cement, bromine or trifluoride. Potentially explosive reaction with dichloromaleic anhydride and urea. Electrolysis of mixtures with nitrogen compounds may form explosive nitrogen trichloride.
Hazardous Decomposition Products	Not expected under normal conditions of use.

Section 11. Toxicological Information			
Component Toxicity	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium chloride	Not available		
Likely Routes of Exposure			
Skin:	May cause mild irritation.		
Eyes:	May cause mild irritation.		
Inhalation:	May cause mild irritation of respiratory tract.		
Ingestion:	Small quantities would not cause any harm. Ingestion of large quantities may cause digestive tract irritation, leading to nausea, vomiting, rigidity, and convulsions. Continued exposure can produce coma, dehydration, and internal organ damage.		
Acute Toxicity Estimates (ATE)	Oral: LD 50 (Rat): 3,000 - 4,000 mg/kg LD 50 (Mouse): 4,000 mg/kg LD50 (Rabbit): 8,000 mg/kg Dermal: LD 50 (Rabbit): 10,000 mg/kg Inhalation: LC 50 (Rat, 1 h): 42 mg/l		
STOT (Specific Target Organ Toxicity) – Single Exposures	Not classified		
Aspiration Toxicity	Not classified		
STOT (Specific Target Organ Toxicity) – Repeated Exposure	Not classified		



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Skin Corrosion / Irritation	May cause skin irritation.
Serious Eye Damage / Irritation	Causes serious eye irritation.
Respiratory or Skin Sensitization	Not a skin sensitizer.
Carcinogenicity	Not listed.
Reproductive Toxicity	
- Sexual Function and Fertility	Not classified
- Development of Offspring	Not classified
- Effects on or via Lactation	Not classified
Germ Cell Mutagenicity	Not classified
Interactive Effects	Not classified
Other Information	None

Section 12. Ecological Information

Ecotoxicity	No data
Persistence and Degradability	This material is readily biodegraded and is not likely to bioconcentrate.
Bioaccumulative Potential	No data
Biodegradability	No data
Mobility in Soil	No data
Other Adverse Effects	None

Section 13. Disposal Considerations

Disposal Considerations	Dispose of contents/container in accordance to local regulations.
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Section 14. Transport Information

UN Number	None
UN Proper Shipping Name	None
Transport Hazard Class(es)	None
Packaging Group	None
Environmental Hazards	Not applicable
Bulk Transport	Not applicable

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Special Precaution	Not applicable
DOT Erg#	Not applicable

Section 15. Regulatory Information	
Canada – DSL Inventory	All components of this product are either on the Domestic Substances List (DSL), Non-Domestic Substances List (NDSL), or exempt
TSCA	All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt
Additional Information	None

Section 16. Other Information	
NFPA Rating	Health-1/ Flammability-0/Reactivity-1/Special Hazard-Not applicable
HMIS Rating	Health-1/Flammability-0/Reactivity-1/Personal Protection-See Section 8.
Prepared by:	Chemfax Products Ltd., Technical Department
Date Prepared:	25 January, 2008
Date of Latest Revision:	25 January 2021
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