



Blue line Chemicals

Material Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: Refined SALT
CHEMICAL CLASS: Inorganic salts.
APPLICATIONS: Densifier

EMERGENCY TELEPHONE: +971-2-5500402
Manufacturer: Blue Line Chemicals
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CONTACT PERSON: Ali Mohsen

2. COMPOSITION, INFORMATION ON INGREDIENTS

INGREDIENT NAME: Sodium chloride
CAS No.: 7647-14-5
CONTENTS : 99.5%
EPA RQ:
TPO:

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: CAUTION! MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION. Avoid contact with eyes, skin and clothing. Avoid breathing airborne product. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.

This product is a white powder. No significant immediate hazards for emergency response personnel are known. Dike and contain spills. Keep out of sewers and waterways.

ACUTE EFFECTS:

HEALTH HAZARDS, GENERAL: Particulates may cause mechanical irritation to the eyes, nose, throat and lungs. Particulate inhalation may lead to pulmonary fibrosis, chronic bronchitis, emphysema and bronchial asthma. Dermatitis and asthma may result from short contact periods.

INHALATION: May be irritating to the respiratory tract if inhaled.

INGESTION: May cause gastric distress, nausea and vomiting if ingested.

SKIN: May be irritating to the skin.

EYES: May be irritating to the eyes.



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CHRONIC EFFECTS:

CARCINOGENICITY: IARC: Not listed. OSHA: Not regulated. NTP: Not listed.

ROUTE OF ENTRY: Inhalation. Skin and/or eye contact.

TARGET ORGANS: Respiratory system, lungs. Skin. Eyes.

4. FIRST AID MEASURES

GENERAL: Persons seeking medical attention should carry a copy of this MSDS with them.

INHALATION: Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Get medical attention.

INGESTION: Drink a couple of glasses water or milk. Do not give victim anything to drink of he is unconscious. Get medical attention.

SKIN: Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention if any discomfort

EYES: Promptly wash eyes with lots of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5. FIRE FIGHTING MEASURES

AUTO IGNITION TEMP. (°F): N/D

FLAMMABILITY LIMIT - LOWER(%): N/D

FLAMMABILITY LIMIT - UPPER(%): N/D

EXTINGUISHING MEDIA: Carbon dioxide (CO₂). Dry chemicals. Foam. Water spray, fog or mist.

SPECIAL FIRE FIGHTING PROCEDURES: No specific fire fighting procedure given.



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UNUSUAL FIRE & EXPLOSION HAZARDS: No unusual fire or explosion hazards noted.

HAZARDOUS COMBUSTION PRODUCTS: This material is not combustible. Fire or high temperatures create: Hydrogen chloride (HCl).

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear proper personal protective equipment

SPILL CLEAN-UP PROCEDURES: Avoid generating and spreading of dust. Shovel into dry containers. Cover and move the containers. Flush the area with water. Do not contaminate drainage or waterways. Repackage or recycle if possible.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS: Avoid handling causing generation of dust. Wear full protective clothing for prolonged exposure and/or high concentrations. Eye wash and emergency shower must be available at the work place. Wash hands often and change clothing when needed. Provide good ventilation. Mechanical ventilation or local exhaust ventilation is required.

STORAGE PRECAUTIONS: Store at moderate temperatures in dry, well ventilated area. Keep in original container.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



ENGINEERING CONTROLS: Use appropriate engineering controls such as, exhaust ventilation and process enclosure, to reduce air contamination and keep worker exposure below the applicable limits.

VENTILATION: Supply natural or mechanical ventilation adequate to exhaust airborne product and keep exposures below the applicable limits.

RESPIRATORS: Use at least a NIOSH-approved N95 half-mask disposable or reusable particulate respirator. In work environments containing oil mist/aerosol use at least a NIOSH-approved



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	P95 half-mask disposable or reusable particulate respirator.
PROTECTIVE GLOVES:	Use suitable protective gloves if risk of skin contact.
EYE PROTECTION:	Wear dust resistant safety goggles where there is danger of eye contact.
PROTECTIVE CLOTHING:	Wear appropriate clothing to prevent repeated or prolonged skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE:	Powder, dust.
COLOR:	White.
ODOR:	Odorless or no characteristic odor.
SOLUBILITY DESCRIPTION:	Soluble in water.
SOLUBILITY VALUE (g/100g H₂O 68°F):	35.7
DENSITY/SPECIFIC GRAVITY (g/ml):	2.163-2.170 TEMPERATURE (°F): 68
BULK DENSITY:	2169 kg/m ³
VAPOR DENSITY (air=1):	N/A
VAPOR PRESSURE:	N/A TEMPERATURE (°F):
pH-VALUE, DILUTED SOLUTION:	6.7-7.3 CONCENTRATION (%M): 1%

10. STABILITY AND REACTIVITY

STABILITY:	Normally stable.
CONDITIONS TO AVOID:	N/A.
HAZARDOUS POLYMERIZATION:	Will not polymerize.
POLYMERIZATION DESCRIPTION:	Not relevant.
MATERIALS TO AVOID:	Strong oxidizing agents. Strong acids.



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HAZARDOUS DECOMPOSITION PRODUCTS: No specific hazardous decomposition products noted.

11. TOXICOLOGICAL INFORMATION

Component: Sodium chloride

TOXIC DOSE - LD 50: 3000 mg/kg (oral rat)

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No ecological information is available for this product.

13. DISPOSAL CONSIDERATIONS

WASTE MANAGEMENT: This product does not meet the criteria of a hazardous waste if discarded in its purchased form. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixtures, processes, etc, may render the resulting materials hazardous. Empty containers retain residues. All labeled precautions must be observed.

DISPOSAL METHODS: Recover and reclaim or recycle, if practical. Should this product become a waste, dispose of in a permitted industrial landfill. Ensure that containers are empty by RCRA criteria prior to disposal in a permitted industrial landfill.

14. TRANSPORT INFORMATION

GENERAL: RQ = N/A

U.S. DOT: U.S. DOT CLASS: Not regulated.

CANADIAN TRANSPORT: TDGR CLASS: Not regulated.

15. REGULATORY INFORMATION

REGULATORY STATUS OF INGREDIENTS: NAME: CAS No: TSCA: CERCLA: SARA 302: SARA 313: DSL(CAN):
Sodium chloride 7647-14-5 Yes No No No Yes

16. OTHER INFORMATION

NPCA HMIS HAZARD INDEX: 1 Slight Hazard

FLAMMABILITY: 0 Minimal Hazard

REACTIVITY: 0 Minimal Hazard

Notice: This Material Safety Data Sheet is based upon data considered to be accurate as at the time of its preparation.



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Despite our efforts, it may not be up to date or applicable to the circumstances of any particular case.
We are not responsible for any damage or injury resulting from abnormal use, from any failure to follow appropriate practices or from hazards inherent in the nature of the product.