

SAFETY DATA SHEET

Name of Product: **CHLORIMELT25 / CM25**

Revision Date: August 1, 2017

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: CHLORIMELT25 / CM25

SYNONYMS: Salt Brine, Liquid Salt Brine

MANUFACTURER: Seneca Mineral Company

ADDRESS: 8431 Edinboro Road
Erie, PA 16509

PHONE: 800-291-9222
814-476-0076

EMERGENCY PHONE: 800-291-9222 OR 814-476-0076

PRODUCT USE: Dust Control/Ice Melting-Deicing

PREPARED BY: Seneca Mineral Company

SECTION 2: HAZARDS IDENTIFICATION

PHYSICAL HAZARDS: Not Classified

HEALTH HAZARDS: Serious Eye Damage/Eye Irritation Category 2

OSHA DEFINED HAZARDS: Not Classified

LABEL ELEMENTS:



SIGNAL WORD: WARNING

HAZARD STATEMENT: Causes serious eye irritation

PRECAUTIONARY STATEMENTS
Wash face, hands and any exposed skin thoroughly after handling.

PREVENTION:
Wear eye protection

RESPONSE:
If in EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists, get medical attention.

STORAGE: None

DISPOSAL: None

HAZARD NOT OTHERWISE CLASSIFIED (HNOC): None

OTHER SUPPLEMENTAL INFORMATION: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:

CALCIUM CHLORIDE: 10-15% CAS # 10043-52-4
 SODIUM CHLORIDE: 10-15% CAS# 7647-14-5
 POTASSIUM CHLORIDE: 1-2% CAS# 7447-40-7
 MAGNESIUM CHLORIDE: 2-4% CAS# 7786-30-3
 WATER 58-77%

**SECTION 4: FIRST AID
 MEASURES**

INHALATION: Remove to fresh air if effects occur. Consult physician if symptoms appear.
 EYES: Irrigate with flowing water immediately and continuously for 15 minutes, occasionally lifting lids. Consult medical personnel if irritation persists.
 SKIN: Wash area with water for 15 minutes. Remove contaminated clothing. Get medical aid if irritation develops or persists.
 INGESTION: Induce vomiting immediately as directed by medical personnel. Seek medical attention.

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SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABILITY LIMITS: % by volume in air LEL: N/A UEL: N/A

FLASH POINT: None

AUTOIGNITION TEMP: N/A

FIRE & EXPLOSION HAZARDS: None

EXTINGUISHING MEDIA: NON-COMBUSTIBLE

SPECIAL FIREFIGHTING PROCEDURES – NONE

NATIONAL FIRE ASSOCIATION (NFPA) RATINGS:

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
SPECIAL	0

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE: Before handling any spills, always observe the safety precautions described in Section 8. Absorb spill with inert material (ie, vermiculite, sand or earth), then place in suitable containers. Dispose of in accordance with all federal, state and local regulations. Establish a prevention, control and counter measure plan if you are a large product user.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Keep in a cool, dry, well ventilated place, away from incompatible products. Keep container tightly closed. Store in suitable containers made of stainless steel, plastic or polyethylene. Wear suitable protective equipment.

OTHER PRECAUTIONS: Always use good safety and industrial hygienic practices.

SECTION 8: EXPOSURE/CONTROL PERSONAL PROTECTION

ENGINEERING CONTROLS: Good hygienic operating protocols are always recommended.

VENTILATION: Use in well ventilated areas.

EYE PROTECTION: Safety glasses or goggles are advisable where splashes to eye may occur.

SKIN PROTECTION: Wear gloves to prevent skin exposure and appropriate clothing to protect skin.

WORK HYGIENIC PRACTICES: Wash hands and face thoroughly before eating, drinking and applying cosmetics and or using tobacco products.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: ORANGE /

CLEAR

ODOR: Salty.

ODOR THRESHOLD: No data available.

MELTING POINT: -24(F).

BOILING POINT: Unknown.

VAPOR DENSITY (air=1) Unknown.

SOLUBILITY IN WATER: Very soluble.

SPECIFIC GRAVITY (water=1): 1.274.

PERCENT VOLATILES (by volume): Non-volatile.

VAPOR PRESSURE: Unknown.

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MOLECULAR WEIGHT: Unknown.

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID: (Stability) Metals corrode slowly in aqueous calcium chloride solutions. Aluminum, alloys and yellow brass will be attacked. Highly hygroscopic, gives off heat while dissolving.

CHEMICAL INCOMPATIBILITY: Calcium Chloride is incompatible with boric oxide, calcium oxide and bromine trifluoride: reacts with zinc to form explosive hydrogen gas: catalyzes exothermic polymerization of vinyl ether.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Of Calcium Chloride: Hydrogen Chloride.

SECTION 11: TOXICOLOGICAL INFORMATION

US EPA SARA TITLE 111 HAZARD CATEGORY: Contains no chemical subject to notification requirements.

TOXIC SUBSTANCES CONTROL ACT (TSCA): All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: BOD: N/A

COD: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Absorb spill with inert material, (ie, vermiculite, sand or earth), then place in suitable container. All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations. For unused and uncontaminated product, the preferred options for disposal include sending to a licensed, permitted reclaimer or waste treatment system.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION:

GROUND TRANSPORTATION:

PROPER SHIPPING NAME: CHLORIMELT25 / CM25

HAZARD CLASS: N/A

WATER TRANSPORTATION (IMDG):

PROPER SHIPPING NAME: CHLORIMELT25 / CM25

HAZARD CLASS: N/A

AIR TRANSPORTATION (IATA):

PROPER SHIPPING NAME: CHLORIMELT25 / CM25

HAZARD CLASS: N/A

SECTION 15: REGULATORY INFORMATION

CHEMICAL INVENTORY LISTS:

TSCA (U.S. TOXIC SUBSTANCES CONTROL ACT):

YES CLEAN AIR ACT (CAA): Contains no priority
air pollutants.

CLEAN WATER ACT (CWA): Contains no priority water pollutants.

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SECTION 16: OTHER INFORMATION

DISCLAIMER: The information contained herein is offered only as a guide to the handling of this specific material and has been prepared in good faith by technically knowledgeable personnel. It is not intended to be all-inclusive and the manner and conditions of use and handling may involve other and additional considerations. No warranty of any kind is given or implied and Seneca Mineral Company will not be liable for any damages, losses, injuries or consequential damages which may result from the use or reliance on any information contained herein.