

SAFETY DATA SHEET

CRESSET CHEMICAL COMPANY
ONE CRESSET CENTER, BOX 367 WESTON, OH 43569

Section - 1 IDENTIFICATION

PRODUCT NAME: CRETE-LEASE 880 Release Agent

CHEMICAL FAMILY: Hydrocarbon Mixture CAS#: Not applicable to this mixture.
MANUFACTURER TELEPHONE NUMBER: 800-367-2020 IN OHIO - 419-669-2041
EMERGENCY PHONE NUMBERS: 800-424-9300 CHEMTREC
(Transportation Emergencies)

Section - 2 HAZARDS INFORMATION

GHS Classification: Flammable Liquids - Category 3
Aspiration Hazard - Category 1
Eye Irritation - Category 2B
Skin Irritation - Category 2
Specific Target Organ Toxicity – Single Exposure (narcotic effects) – Category 3

Signal Word: DANGER!

Hazard Statements: Flammable liquid and vapor.
May be fatal if swallowed and enters airways.
Causes eye irritation.
Causes skin irritation.
May cause respiratory irritation; or may cause drowsiness or dizziness.

GHS Pictogram:



Precautionary Statement: **Do not breathe mist or vapors.**
Use only outdoors or in a well-ventilated area.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
Call a poison center/doctor if you feel unwell.
If swallowed: Immediately call a poison center or doctor.
Do NOT induce vomiting.
Store in a well-ventilated place.
Wear protective gloves/clothing/eye protection/face protection.
Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Keep container tightly closed.
If on skin: Take off immediately all contaminated clothing. Rinse skin with water/shower.
Store in a well-ventilated place. Keep cool.
Wash thoroughly after handling.
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/advice.
If skin irritation persists: Get medical attention/advice.
Take off contaminated clothing and wash it before reuse.
Dispose of contents in accordance with local/regional/national/international regulations.

Section - 3 COMPOSITIONAL INFORMATION

<u>CAS#</u>	<u>INGREDIENTS</u>	<u>%</u>
8052-41-3	Mineral Spirits	40-50
N/A	Fatty Acid Salt	3-5
64742-52-5	Hydrotreated Naphthenic Distillate (Mineral Oil)	45-50

Section - 4 FIRST AID MEASURES

Eye Contact:	Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
Skin Contact:	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.
Inhalation:	Move exposed person to fresh air.
Ingestion:	DO NOT INDUCE VOMITING. If conscious rinse out mouth with water.
Symptoms (Acute and delayed):	Exposure to high concentrations of vapors may cause irritation to the eyes, nose and throat, nausea and dizziness.
Note to Physicians:	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Section - 5 FIREFIGHTING PROCEDURES AND EXTINGUISHING MEDIA

Suitable Extinguishing Media:	Use dry chemical, CO ₂ , water spray (FOG) or foam.
Unsuitable Extinguishing Media:	Avoid solid water stream as it may scatter and spread fire.
Specific Hazards Arising from Chemical:	Elevated temperatures can lead to the formation of irritating vapors. Decomposing products may include the following materials: Carbon Dioxide and Carbon Monoxide. This product is a static accumulating liquid. Static accumulating liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor may cause flash fire.
Protective Equipment/Precautions:	Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section - 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
Environmental Precautions:	Prevent product from entering drains. Prevent entry into waterways, sewers, basements or confined areas.
Methods for Containment:	Stop leak if without risk. Use absorbent pads or earthen dams to contain.
Methods for Cleanup:	A vapor suppressing foam may be used to reduce vapors. Cover liquid spill with sand, earth or other noncombustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Pick up and transfer to properly labeled container.

Section - 7 HANDLING AND STORAGE

Handling Procedures:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Use only with adequate ventilation. Use non-sparking tools.
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Section - 7 HANDLING AND STORAGE (continued)

Shipping and Storing Procedures: Store in accordance with local regulations. Keep in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials. Do not store in unlabeled containers. Store and use away from heat, sparks, open flame or any other ignition source. Empty containers that retain product residue may be hazardous.

Incompatibilities: Oxidizing Agents.

Section - 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits:

Mineral Spirits:

ACGIH TLV: TWA:	100 ppm	TWA:	N/A mg/m ³	STEL: N/A ppm	STEL: N/A mg/m ³
OSHA PEL: TWA:	500 ppm	TWA:	2900 mg/m ³	STEL: N/A ppm	STEL: N/A mg/m ³
NIOSH REL: TWA:	N/A ppm	TWA:	350 mg/m ³	STEL: N/A ppm	STEL: N/A mg/m ³
NIOSH Ceiling:	1800 mg/m ³ (15 minutes)				

Engineering Controls: Material should be handled in enclosed vessels and equipment. Use only in adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Eye/Face Protection: Chemical goggles and face shield.

Skin Protection: Chemical resistant, impervious gloves complying with an approved standard should be worn at all times. Coveralls, apron and boots as necessary to minimize contact.

Respiratory Protection: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicated this is necessary. Respirator selection must be based on known or anticipated exposure levels.

General Hygiene: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing.

Section - 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear straw colored liquid	Decomposition Temperature:	Not determined
Vapor Pressure:	Not determined	Odor:	Hydrocarbon solvent odor
Odor Threshold:	Not determined	Vapor Density:	Not determined
pH:	Not determined	Relative Density:	Not determined
Melting Point/Freezing Point:	-15°F (-26°C)	Solubility:	Not soluble in water
Initial Boiling Point & Boiling Range:	Not determined	Flash Point:	125°F (80°C)
Evaporation Rate:	Not determined	Specific Gravity:	0.840
Flammability (solid, gas):	Not determined	Pounds per Gallon:	7.0
Upper/Lower Flammability or Explosive Limits:	Not determined	VOC:	440 g/L
Partition Coefficient n-octanol/water:	Not determined	Viscosity:	6@ 68°F (20°C)
Auto-ignition Temperature:	Not determined		

Section - 10 STABILITY AND REACTIVITY

Reactivity: Polymerization will not occur.

Chemical Stability: Stable under normal conditions. If heated, product's static accumulation will rise and could cause flash fire.

Hazardous Reactions: None, under normal processing.

Conditions to Avoid: High temperatures, flames, sparks.

Incompatibility: Strong acids and oxidizing materials.

Section - 10 STABILITY AND REACTIVITY (continued)

Hazardous Decomposition Products: Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.

Section - 11 TOXICOLOGICAL INFORMATION

Acute Exposure:

Respiratory Reactions: An inhalation hazard may only arise if product is used in aerosol conditions or if heated up. If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and upper respiratory tract.

Eye Irritation: Causes mild eye irritation that is reversible with proper care.

Skin Irritation: Causes mild skin irritation that is reversible with proper care.

Sensitization: Not expected to cause skin or respiratory sensitization.

Aspiration Hazard: If swallowed can be aspirated into lungs and cause chemical pneumonia, varying degrees of pulmonary injury or death. If swallowed, DO NOT induce vomiting.

Chronic Exposure:

Target Organ Effects: Vapor/aerosol concentrations above recommended exposure levels are irritating to the eyes and respiratory tract, may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness and other central nervous system effects including death.
Prolonged or repeated direct exposure to the skin results in symptoms of irritation and redness, dermatitis or oil acne.

Carcinogenicity: No data available to indicate product or any components present at greater than .1% are carcinogenic.

Section - 12 ECOLOGICAL INFORMATION

Persistence & Degradability: Inherently biodegradable.

Bioaccumulation Potential: Not available.

Soil Mobility: Not available.

Other Adverse Effects: Not available.

Section - 13 DISPOSAL CONSIDERATIONS

The generation of waste should be avoided or minimized wherever possible. Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

Section - 14 TRANSPORTATION INFORMATION

When transported by ground in 1 gallon bottles, 5 gallon pails, 55 gallon drums, packaged and sealed by Cresset Chemical Company, this product is not regulated by the US-DOT. When transported in 275 gallon MegaPaks, must use other US-DOT regulations.

Section - 15 REGULATORY INFORMATION

All components of this product are listed on the TSCA Inventory.

Section - 16 OTHER INFORMATION

The information and recommendations contained herein are, to the best of Cresset Chemical Company's knowledge and belief, accurate and reliable as of the date issued. Cresset Chemical Company does not warrant or guarantee their accuracy or reliability, and shall not be liable for any loss or damage arising out of the use thereof. The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use.