



SAFETY DATA SHEET

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION 1. IDENTIFICATION

Product Identifier: SCP-675 Product Use: Super Concentrated Emulsion Remover UN #: NA Manufactured for: Kolormatrix 150 Mendel Dr SW Atlanta, GA 30336	Product Identification # (PIF): 01480 Emergency Telephone #: 1-800-255-3924 General Information #: 404-691-0015 Date Prepared: November 4, 2013
--	--

SECTION 2. HAZARD(S) IDENTIFICATION

HMIS Ratings: Health 2, Fire 0, Reactivity 1



Product VOC: 0%
 Potential Health Effects:

- Eye Contact: Eye irritant.
- Skin Contact: Skin irritant.
- Inhalation: Inhalation of mists can be irritating to the respiratory tract.
- Ingestion: Can cause irritation to entire respiratory tract.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS #	Max. %
Periodic Acid	10450-60-9	<8
Sodium Periodate	7790-28-5	12

SECTION 4. FIRST AID MEASURES

- Eyes: Flush well with water for at least 15 minutes. Remove any contact lenses. Seek medical attention immediately.
- Skin: Wash with soap and water. If irritation persists, seek medical attention.
- Inhalation: Move to fresh air. If breathing is difficult, have trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration and call a physician.
- Ingestion: DO NOT INDUCE VOMITING. Rinse mouth with water. Never give anything by mouth to an unconscious person. Seek medical attention immediately.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Not flammable
 Flash Point: Not flammable

- Extinguishing Media: Water or water spray.
- Specific hazards arising from chemical: Do not mix with other chemicals - Solutions of periodic acid in methyl sulfoxide (DMSO) have been reported to explode after standing a few minutes.
- Hazardous combustion products: May produce toxic iodine vapors and sodium oxide.
- Firefighting protective equipment: Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.
- Sensitivity to static discharge: This product is not combustible and not readily ignited even by static discharge.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment. Ventilate area.

- For Small Spills: Cover spill with dry lime or soda ash. Place in container for chemical waste.
- For Large Spills: Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

- Handling: Wear personal protection equipment. Use with adequate ventilation. Do not premix with other chemicals - solutions of periodic acid in methyl sulfoxide (DMSO) have been reported to explode after standing a few minutes.
- Storage: Keep away from heat, flame, or sunlight. Keep container closed when not in use. Protect from physical damage. Incompatible with reducing agents, combustibles and flammables.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Ingredient</u>	<u>CAS #</u>	<u>OSHA/PEL</u>	<u>TLV</u>	<u>STEL</u>
Orthoperiodic Acid	10450-60-9	NE	NE	NE
Sodium Periodate	7790-28-5	NE	NE	NE

Engineering Controls: Provide adequate ventilation. Keep the risk of exposure to a minimum.

Personal protective equipment:

- Eye: Safety glasses with side shields or splash proof goggles.
- Skin : Chemical resistant gloves
- Respirator: Use NIOSH approved protection if vapors are causing irritation.
- Clothing: Apron and normal materials handling clothing
- Other: Use only in a well ventilated area.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Description: Colorless, clear liquid
- Odor: No odor
- pH, Neat: 1.0-2.0
- Boiling point: >212°F (100°C)
- Flash Point: Not flammable
- Evaporation Rate (n-butyl acetate=1): Not available
- Upper Flammability Limit (% by volume): Not flammable
- Lower Flammability Limit (% by volume): Not flammable
- Vapor Pressure: Not determined
- Vapor Density: (Air = 1): Not determined
- Specific Gravity, (water = 1.0): 1.140-1.155 g/ml
- Water Solubility: Complete
- Auto-ignition Temperature: Not determined
- %Volatile/Volume: 79%

SECTION 10. STABILITY AND REACTIVITY

- Chemical stability: Stable
- Reactivity: Not reactive under normal conditions. Can ignite combustible material on contact.
- Hazardous polymerization: Will not occur.
- Conditions to avoid: Temperatures above 104°F (40°C). Do not mix with other chemicals
- Incompatibility with other substances: Incompatible with reducing agents, combustibles and flammables.
- Hazardous combustion products: May produce toxic iodine vapors and sodium oxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

- Oral (LD50 Rat): No information found
- Dermal (LD50 Rabbit): No information found
- Inhalation (LC50 Rat): No information found
- Harmful if swallowed. Corrosive to mouth, throat and stomach.
- Irritating to eyes and skin.

Repeated Dose Toxicity:

- No information found

SECTION 12. ECOLOGICAL INFORMATION

Acute Aquatic Effects:

- 96h LC-50 (fish): No information found
- 96h EC-50 (invertebrates): No information found
- 48h LC-50 (algae): No information found
- Persistence and degradability: Biodegradable
- This material has no known eco-toxicological effects.
- Bioaccumulation: No data available
- Mobility: This product is soluble in water and may spread in water systems.

SECTION 13. DISPOSAL CONSIDERATIONS

- Disposal of Wastes: Do not dump into sewers, on the ground or into any body of water. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.
- Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied.
- RCRA: Not applicable

SECTION 14. TRANSPORT INFORMATION

DOT:

- Not regulated. (Oxidizers less than 8% are non-hazardous, and are not listed on table 49 CFR 172.101.)

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

SARA 302: Not classified as an extremely hazardous substance.

SARA TITLE III Section 311/312:

- Immediate (Acute) Health = Yes
- Delayed (Chronic) Health = No
- Fire Hazard = No
- Reactive Hazard = No

CERCLA: This product does not have a reportable quantity.

SECTION 16. OTHER INFORMATION

- Carefully read all instructions on label before handling this product.
- Keep out of reach of children.
- "FOR INDUSTRIAL USE ONLY"

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.
SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.