



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: REMOVE IR8 (49433)
General Use: Removes ink from screen-printing screens
Manufacturer: SAATI
201 Fairview St. Ext. Fountain Inn, SC. 29644
Tel: 1-864-601-8300
Fax: 1-864-862-0089
Hours: Monday-Friday 8:30am – 5:00pm
<http://msds.saatiexpress.com>
Emergency Telephone Number: INFOTRAC 800-535-5053 or 352-323-3500, 24-hours everyday

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	Wt% Less Than	CAS Number	OSHA PEL	ACGIH TLV
2-(2-butoxyethoxy) ethanol	20.0	112-34-5	50ppm	20ppm
Surfactant	5.0	***		

3. HAZARDS IDENTIFICATION

Emergency Overview: Causes skin burns.

Potential Health Effects

Eye: Moderately irritating to the eyes causing transient corneal injury.

Skin: Can be absorbed through skin and produce central nervous system effects. May cause skin irritation. May cause allergic skin reaction. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Ingestion: Irritating to mouth, throat, and stomach. Overexposure may cause nausea, diarrhea, and/or vomiting. May cause dizziness and drowsiness and/or stupor.

Inhalation: Vapors can cause irritation of the respiratory tract. High concentrations can cause headache, nausea, weakness, lightheadedness, and/or stupor.

Chronic Effects: Overexposure may cause nervous system damage. May cause delayed lung damage. Overexposure may cause kidney damage. Significant exposure to this chemical may adversely affect people with chronic disease of the respiratory system, central nervous system, kidney, liver, skin, and/or eyes.

Primary routes of entry: Eye contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

4. FIRST AID MEASURES

Eyes: Flush eyes with water for at least 15 minutes. Get medical attention promptly. Remove contact lenses if worn.

Skin: Wash affected area with soap and water. Remove contaminated shoes and clothes and clean before reuse. Get medical attention if irritation develops or persists.

Ingestion: Do not induce vomiting. Do not give liquids. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

5. FIRE FIGHTING MEASURES

Flash Point / Method: >200 (TCC)

Flammable Limits: Not Applicable

Extinguishing Media: Dry chemical, foam or carbon dioxide, water fog

Autoignition Temperature: Not Applicable

Protection of Fire Firefighter: DO NOT USE WATER. Water spray to cool containers or protect personnel. Use with caution. As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

Fire & Explosion Hazards: Rags soaked with any solvent present a fire hazard and should be stored in UL listed or Factory Mutual approved, covered containers. Improperly stored rags can create conditions that lead to oxidation. Oxidation, under certain conditions, (especially if the temperature exceeds 180 F) can lead to spontaneous combustion. This product contains antioxidants to retard oxidation up to 180F.

6. ACCIDENTAL RELEASE MEASURES

Spills: Contain spilled material. Absorb spill with inert material (e.g., dry sand or earth). Transfer to secure containers. Prevent additional discharge of material if able to do so safely. Flush area with water to minimize residue. Ventilate spill area.

7. HANDLING AND STORAGE

Store in a cool and dry area. Segregate from oxidizers and hazardous chemicals. Keep away from heat, sparks, and flame. Keep container closed when not in use. Avoid contact with eyes, skin, and clothing. Avoid inhalation of vapors and spray mists. Wash thoroughly after handling. Keep from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of the product.

Respiratory Protection: If exposure levels exceed PEL/TLV, use NIOSH-approved respirator with an organic vapor filter.

Skin Protection: Protective gloves and apron.

Eye Protection: Safety glasses and/or face shield. Do not wear contact lenses.

Other Protective Equipment: Suit, vapor respirator suggested.

Remove IR8

Revision Date: January 22, 2014

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: liquid

Appearance: clear, transparent liquid

Odor: typical

pH: N.D.

Vapor Pressure: N.D.

Specific Gravity: 0.968 g/mL at 25C

Solubility in Water: Partial

Vapor Density: >1 (air =1)

Evaporation Rate: (NBAC = 1) <1

Boiling Point: N.D.

Volatile Organic Compounds: 156g/L = 1.33 lbs/gal

10. STABILITY AND REACTIVITY

Stability: Not Determined

Conditions to avoid: Avoid excess heat and sources of ignition.

Materials to avoid: Prevent contact with strong oxidizing agents.

Hazardous decomposition products: During combustion carbon dioxide may be formed. During combustion carbon monoxide may be formed.

Hazardous polymerization: Not Determined

11. TOXICOLOGICAL INFORMATION

Product LD50: Not Determined

Product LC50: Not Determined

2-(2-butoxyethoxy)ethanol: LD50 mg/kg =1480.0 LC50 mg/L =1/6

Surfactant = LD50 mg/kg 1900.0 LC 50 mg/L = N.D.

12. ECOLOGICAL INFORMATION

No data are available on the adverse effects of this material on the environment.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all current local, state, and federal regulations.

When used in accordance with the directions published in the SAATI Technical Data Sheet, Remove IR8 is considered drain safe

14. TRANSPORT INFORMATION

US DOT: Not regulated

15. REGULATORY INFORMATION

US Federal Regulations

TSCA: All components of this product are listed or are exempt from listing on the TSCA 8(b) Inventory. If the identified components of this product are listed under the TSCA 12/(b) export notification rule, they will be listed below

CERCLA (40 CFR 117.302): This material contains no Reportable Quantity (RQ) Substances.

SARA Title III (40 CFR 372)

Section 311/312 Hazard Categories: Acute health hazard, chronic health hazard

Section 313 Reportable Ingredients: NA

US State Regulations

New Jersey Right-To-Know Act reportable components: Water 7732-18-5, Surfactant Mixture, Soy

Methyl esters 67784-80-9

Pennsylvania Right-To-Know Act reportable components: Water 7732-18-5, Surfactant Mixture, Soy

Methyl esters 67784-80-9

California Proposition 65 reportable components: None.

Canadian Regulations

DSL: All components of this product are listed on the Domestic Substances List.

16. OTHER INFORMATION

HMIS III: Health-1 , Fire-1 , Physical Hazard -0 ,



Personal Protection- C

MSDS prepared by: Kathy Tylka, Regulatory Affairs Coordinator

Revision Date/Revision History: June 11, 2012

January 22, 2014 - Logo

Note for users:

The information contained in the present sheet is based on our knowledge, on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property. The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.