



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: REMOVE IR2 (49467)
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	65.0	112-34-5	50ppm	20ppm
Propylene Carbonate	30.0	108-32-7	Not Established	Not Established

3. HAZARDS IDENTIFICATION

Potential Health Effects

Eye: May cause severe irritation to eyes.

Skin: Can be absorbed through skin and produce central nervous system effects. May cause severe irritation. May cause allergic skin reaction.

Ingestion: Harmful if swallowed. Ingestion may cause gastrointestinal tract irritation. Ingestion may cause liver and kidney damage. Overexposure may cause nausea, diarrhea, and/or vomiting. May cause dizziness and drowsiness and/or stupor.

Inhalation: Vapors can be irritating to the respiratory system. High concentrations can cause headache, nausea, weakness, lightheadedness, and stupor (CNS depression).

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

4. FIRST AID MEASURES

Eyes: Immediately flush eyes with water. Flush eyes with water for a minimum of 15 minutes, occasionally lifting and lowering upper lids. Get medical attention promptly.

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

Ingestion: Do not induce vomiting to prevent aspiration into the lungs. Get medical attention immediately.

Inhalation: Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Get immediate medical attention.

5. FIRE FIGHTING MEASURES

Flash Point / Method: >200F

Flammable Limits: Not Applicable

Extinguishing Media: Water fog, dry chemical, foam or carbon dioxide

Autoignition Temperature: Not Applicable

Protection of Fire Firefighter: Wear full protective equipment and self-contained, positive pressure breathing apparatus.

Avoid use of solid water streams. Water spray to cool containers or protect personnel.

Fire & Explosion Hazards: Vapors may form explosive mixture with air.

ACCIDENTAL RELEASE MEASURES

Spills: Contain spilled material. Absorb with inert material (e.g., clay, dry sand or earth) and transfer to secure containers.

Flush area with water to minimize residue

HANDLING AND STORAGE

Store in a cool, well-ventilated area. Keep away from heat, sparks and flame. Material that's being transferred should be grounded and bonded. Avoid inhalation of vapors and spray mists.

6. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Provide adequate ventilation to control air contaminants below recommended exposure limits.

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

Skin Protection: Neoprene gloves.

Eye Protection: Safety glasses and/or face shield.

Other Protective clothing: Apron, vapor respirator suggested.

Hygienic practices: Do not eat, drink, or smoke in areas where this material is used. Avoid breathing vapors. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling. Wash hands before eating.

7. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: liquid

Appearance: clear liquid

Odor: slight solvent odor

Vapor Pressure: Not Determined

Specific Gravity: 1.015

Solubility in Water: Soluble

Remove IR2

Revision Date: January 22, 2014

Vapor Density: >1

Evaporation Rate: Not Determined

Boiling Point: Not Determined

Melting Point: Not Applicable

Volatile Organic Compounds: 333g/L

8. STABILITY AND REACTIVITY

Stability: No information

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

Materials to avoid: Strong oxidizing agents, acids and alkaline materials. Avoid contact with moisture/water.

Hazardous decomposition products: Carbon monoxides, carbon dioxide, nitrogen oxides and sulfur oxides.

Hazardous polymerization: No information.

9. TOXICOLOGICAL INFORMATION

Chemical Name

LD50mg/kg

LC50mg/L

Glycol Ether

1480

1.6

Propylene carbonate

5000

1000

10. ECOLOGICAL INFORMATION

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

11. DISPOSAL CONSIDERATIONS

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

When used in accordance with the directions published in the SAATChem Technical Data Sheet, Remove IR2 is considered drain safe

12. TRANSPORT INFORMATION

US DOT: Not regulated

13. REGULATORY INFORMATION

US Federal and State Regulations

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

CERCLA (Hazard Category) –Acute Health Hazard, Chronic Health Hazard

EPCRA Section 302: none

EPCRA Section 311/312: none

SARA Section 313: 2-(2-butoxyethoxy)ethanol CAS#112-34-5

California Proposition 65: none

14. OTHER INFORMATION

HMIS III Rating: Health-2, Fire-1, Physical Hazard -0



Personal Protection- B

Safety Glasses

Gloves

MSDS prepared by: Kathy Tylka, Regulatory Affairs Coordinator

Revision Date/Revision History: June 8, 2012

January 22, 2014

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.