



## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** REMOVE IR6 (46735)  
**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	50.0	112-34-5	50ppm	20ppm
Terpene Hydrocarbons	25.0	5989-27-5	Not Established	Not Established
Aliphatic Dibasic ester	25.0	Mixture	Not Established	Not Established

▪ Classified as Combustible Liquid Class II (OSHA)

### 3. HAZARDS IDENTIFICATION

**Emergency Overview:** COMBUSTIBLE LIQUID AND VAPOR.

#### Potential Health Effects

**Eye:** Severely irritating to the eyes. If not removed promptly, will injure eye tissue and may result in permanent damage.

**Skin:** Causes skin irritation. Can be absorbed through skin and produce central nervous system effects. 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:** Ingestion would likely cause gastrointestinal tract irritation. May cause dizziness and drowsiness and/or stupor. Overexposure may cause nausea, diarrhea, and/or vomiting.

**Inhalation:** Dust/Mist irritates nose and throat. Vapors can cause irritation of the respiratory tract. High concentrations can cause headache, nausea, weakness, lightheadedness, and stupor (CNS depression).

**Chronic hazards:** May cause delayed lung 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. Overexposure may cause kidney damage and central nervous system damage.

### 4. FIRST AID MEASURES

**Eyes:** Flush eyes with water for at least 15 minutes. Seek medical attention immediately.

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

**Ingestion:** Do not induce vomiting to prevent aspiration into the lungs. Give victim a glass of water or milk. Get medical attention immediately. Never give anything by mouth to an unconscious person.

**Inhalation:** Remove to fresh air. Provide oxygen if breathing is difficult. Get medical attention immediately.

### 5. FIRE FIGHTING MEASURES

**Flash Point / Method:** 148°F TCC

**Flammable Limits:** Not Applicable

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

**Autoignition Temperature:** Not Applicable

**Protection of Fire Firefighter:** Do not use water. Water spray to cool containers or protect personnel. Use with caution. Wear full protective equipment and self-contained, positive pressure breathing apparatus.

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

### 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, well-ventilated area. Keep away from heat, sparks and flame. Material that's being transferred should be grounded and bonded. Keep container closed when not in use.

Follow all MSDS/label precautions even after containers are emptied because they may retain product residues. Avoid inhalation of vapors and spray mists.

### 8. 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/MSHA-approved respirator with an organic vapor filter or canister.

**Eye Protection:** Safety glasses and/or face shield.

**Skin Protection:** Protective gloves and apron.

**Other Protective Equipment:** Suit, vapor respirator recommended.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Remove IR6

Revision Date: January 22, 2014

**Physical State:** liquid

**Appearance:** clear, transparent liquid

**Odor:** citrus

**Vapor Pressure:** N.D.

**Specific Gravity:** 0.9655

**Solubility in Water:** partial

**Vapor Density:** >1

**Evaporation Rate:** (ETHER = 1) <1

**Boiling Point:** N.D.

**Melting Point:** Not Applicable

**Volatile Organic Compounds:** 674g/L

#### 10. STABILITY AND REACTIVITY

**Stability:** N.D.

**Conditions to avoid:** Sparks, flames, and other sources of heat. Avoid impact, friction.

**Materials to avoid:** Strong oxidizing agents, acids and alkaline materials.

**Hazardous decomposition products:** Carbon monoxides, carbon dioxide.

**Hazardous polymerization:** N.D.

#### 11. TOXICOLOGICAL INFORMATION

**Product LD50:** N.D.

**Product LC50:** N.D.

<u>Chemical Name</u>	<u>LD50mg/kg</u>	<u>LC50mg/L</u>
2-(2-butoxyethoxy)ethanol	1480	1.6
Aliphatic dibasic esters	8191.0	11.0

#### 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 SAATChem Technical Data Sheet, Remove IR6 is considered drain safe

#### 14. TRANSPORT INFORMATION

**US DOT:** Combustible Liquid, n.o.s. (terpene solvent)

**Packing Group:** III

**DOT UN/NA:** NA1993

**ERG#:** 128

**IMO:** UN2319, Terpene Hydrocarbons, N.O.S. (D'Limonene), 3, PGIII, Marine Pollutant

#### 15. REGULATORY INFORMATION

**US Federal and State Regulations**

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

**CERCLA (Hazard Category)** –Immediate Health Hazard, Chronic Health Hazard, FIRE HAZARD

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

**New Jersey Right-to-Know:** none

**Pennsylvania Right-to-Know:** none

**California Proposition 65:** none

#### 16. OTHER INFORMATION

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



Personal Protection- C

**MSDS prepared by:** Kathy Tylka, Regulatory Affairs Coordinator

**Revision Date/Revision History:** February 8, 2010

October 21, 2010 – Section 14, IMO

January 17, 2012– Section 1: new address

November 19, 2012 – Section 5. Flash Point

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.