



### MATERIAL SAFETY DATA SHEET

#### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** REMOVE IR9 (47092)  
**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
Butoxytriglycol	65.0	143-22-6		50ppm
Alcohol ethoxylate	15.0	34398-01-1		

#### 3. HAZARDS IDENTIFICATION

**Emergency Overview:** Causes skin burns.

##### Potential Health Effects

**Eye:** Direct contact can cause corneal clouding. Severely irritating. If not removed promptly, will injure eye tissue, which may result in permanent damage.

**Skin:** Causes skin burns. May be absorbed in toxic amounts through the skin.

**Ingestion:** Harmful if swallowed. Overexposure may cause nausea, diarrhea, and/or vomiting.

**Inhalation:** May be irritating to the respiratory system.

**Carcinogenicity:** Not found to be a carcinogen

#### 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. Give victim a glass of water or milk. 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

**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.

#### 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, recommended

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** liquid

**Appearance:** clear, transparent liquid

**Odor:** typical

**pH:** N.D.

**Vapor Pressure:** N.D.

Remove IR9

Revision Date: January 22, 2014

**Specific Gravity:** 0.9763 g/mL at 25C  
**Solubility in Water:** Soluble  
**Dielectric Strength:** N.D.  
**Vapor Density:** >1 (air =1)  
**Evaporation Rate:** (NBAC = 1) <1  
**Boiling Point:** >600F (315C) at 760 mmHg pressure  
**Melting Point:** N.D.  
**Volatile Organic Compounds:** 75g/L

**10. STABILITY AND REACTIVITY**

**Stability:** Not Determined  
**Conditions to avoid:** None Known  
**Materials to avoid:** Keep away from strong bases. Prevent contact with strong oxidizing agents. Keep separated from alkalies. Keep away from acids.  
**Hazardous decomposition products:** During combustion carbon dioxide may be formed. During combustion carbon monoxide may be formed.

**Hazardous polymerization:** Not Determined

**11. TOXICOLOGICAL INFORMATION**

LD50 for Remove IR9: Not Determined  
LC50 for Remove IR9: Not Determined  
Butoxytriglycol: LD50 Oral (Rat) 5300 mg/kg  
LD50 Dermal (Rabbit) 3540 mg/kg

**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 IR9 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.

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

**SARA Title III (40 CFR 372)**

**Section 311/312 Hazard Categories:** Immediate health hazard, chronic health hazard

**Section 313 Reportable Ingredients:** none

**US State Regulations**

**New Jersey Right-To-Know Act reportable components:** Diisobutyl DBE (Mixture)

**Pennsylvania Right-To-Know Act reportable components:** Diisobutyl DBE (Mixture)

**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-2 , Fire-1 , Physical Hazard -0 ,



Personal Protection- C

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

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

May 3, 2010 – Section 11

January 17, 2012– Section 1: new address

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.