



### MATERIAL SAFETY DATA SHEET

#### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** REMOVE IR7 (47058)  
**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
Dipropylene glycol methyl ether acetate	15.0	88917-22-0		
Propylene Carbonate	15.0	108-32-7		
Aliphatic Dibasic ester	55.0	Mixture	100ppm	100ppm
Dipropylene glycol methyl ether	10.0	34590-94-8		

#### 3. HAZARDS IDENTIFICATION

**Emergency Overview:** WARNING. Eye and skin irritant.

##### Potential Health Effects

**Eye:** Causes eye irritation.

**Skin:** Causes skin irritation

**Ingestion:** Expected to be a low ingestion hazard.

**Inhalation:** May be irritating to the respiratory system. May cause drowsiness and dizziness.

**Chronic hazards:** Vapors irritating to eyes and respiratory tract.

#### 4. FIRST AID MEASURES

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

**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:** >200F 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.

**Skin Protection:** Protective gloves.

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

**Other Protective Equipment:** Apron, vapor respirator recommended

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** liquid

**Appearance:** clear, transparent liquid

**Odor:** Typical

**Vapor Pressure:** N.D.

**Specific Gravity:** 1.0589

**Solubility in Water:** partial

Remove IR7

Revision Date: January 22, 2014

Vapor Density: >1

Evaporation Rate: (ETHER = 1) <1

Boiling Point: N.D.

Melting Point: Not Applicable

Volatile Organic Compounds: 222g/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.

##### Chemical Name

##### LD50mg/kg

##### LC50mg/L

Aliphatic dibasic esters

8191.0

11.0

Dipropylene glycol methyl ether acetate

5000

1000

Propylene Carbonate

5.4

Dipropylene glycol methyl ether

#### 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 IR7 is considered drain safe

#### 14. TRANSPORT INFORMATION

US DOT: Environmentally hazardous substance, liquid n.o.s. (alcohol C-12 C-16 poly(1-6)ethoxylate)

Packing Group: III

DOT UN/NA: UN3082

ERG#: 171

#### 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

SARA Section 313: none

New Jersey Right-to-Know: none

Pennsylvania Right-to-Know: none

California Proposition 65: none

#### 16. OTHER INFORMATION

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



Personal Protection- B

MSDS prepared by: Kathy Tylka, Regulatory Affairs Coordinator

Revision Date/Revision History: February 8, 2010

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.