



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: REMOVE IR12 (47700)
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-TWA	ACGIH TLV-TWA	ACGIH TLV-STEL
Dipropylene glycol methyl ether	55.0	34590-94-8	100ppm	100ppm	150ppm
Aliphatic dibasic ester	25.0	Mixture			
Terpene Hydrocarbons	25.0	Mixture			
Alkylphenol ethoxylate	15.0	9016-45-9			

3. HAZARDS IDENTIFICATION

Emergency Overview: COMBUSTIBLE LIQUID AND VAPOR.

Potential Health Effects

Eye: Causes eye irritation.

Skin: Causes skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin, which may result in skin irritation and dermatitis (rash).

Ingestion: Overexposure may cause nausea, diarrhea, and/or vomiting.

Inhalation: Irritating to the respiratory system. May cause drowsiness and dizziness. Excessive exposure to mists or vapors generated by heat may cause irritation to eyes, nose, throat and lungs, respiratory tract, headaches and nausea.

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: 125°F TCC

Flammable Limits: Not Applicable

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

Autoignition Temperature: Not Applicable

Unusual Fire and Explosion Hazards: Combustible liquid and vapor. Vapors/dust may form explosive mixture with air.

Vapors can travel to a source of ignition and flash back. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. Also, do not reuse container without commercial cleaning or reconditioning.

Special Firefighting Procedures: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Do not use water. Water spray and foam must be applied carefully to avoid frothing. Water spray to cool containers or protect personnel. Use with caution.

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. Product is HAP Free.

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. Do not wear contact lenses.

Skin Protection: Protective gloves and apron.

Other Protective Equipment: Suit, vapor respirator recommended.

Remove IR12
Revision Date: January 22, 2014

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: liquid
Appearance: clear, transparent liquid
Odor: typical
Vapor Pressure: N.D.
Specific Gravity: 0.9691
Solubility in Water: partial
Vapor Density: >1
Evaporation Rate: (ETHER = 1) <1
Boiling Point: N.D.
Melting Point: Not Applicable
Volatile Organic Compounds: 484g/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>
Dipropylene glycol methyl ether	5.4	
Aliphatic dibasic esters	8191.0	11.0
Alkylphenol ethoxylate	5000	

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 IR12 is considered drain safe.

14. TRANSPORT INFORMATION

US DOT: Combustible Liquid ,n.o.s, NA1993, PG III
Transport Canada: Combustible Liquid, n.o.s, NA1993, PG III
IATA: Flammable Liquids, n.o.s. (terpene solvent), UN1993, 3, PG III
IMO: Flammable Liquids, n.o.s. (terpene solvent), UN1993, 3, PG III




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, , Fire Hazard
SARA Section 313: Alkylphenol ethoxylate CAS# 9016-45-9
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: December 9, 2009
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.