



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: REMOVE IR25 (49690)
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
Aliphatic dibasic esters	45.0	Mixture		
Dipropylene glycol mono methyl ether	45.0	34590-94-8	100ppm	100ppm
Surfactant	10	***		

3. HAZARDS IDENTIFICATION

Emergency Overview: Combustible Liquid and Vapor.

Potential Health Effects

Eye: Causes eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision.

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

Ingestion: Slightly toxic. Ingestion may cause gastrointestinal tract irritation.

Inhalation: Vapors can cause irritation of the respiratory tract. High concentrations can cause headache, nausea, weakness, lightheadedness, and stupor (CNS depression). May cause blurred vision. May cause dizziness and drowsiness.

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: 183 (TCC)

Flammable Limits: Not Applicable

Extinguishing Media: Dry chemical, foam or carbon dioxide, water fog.

Autoignition Temperature: Not Applicable

Protection of Fire Firefighter: As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear. Avoid use of solid water streams. Water spray to cool containers or protect personnel. Use with caution. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

Fire & 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.

6. ACCIDENTAL RELEASE MEASURES

Spills: Wear appropriate personal protective equipment. (See Exposure Controls / Personal Protection Section.)

Eliminate all ignition sources. Prevent additional discharge of material if able to do so safely. Do not touch or walk through spilled material. Avoid runoff into storm sewers and ditches which lead to waterways.

Ventilate spill area. Stay upwind of spill. Collect spilled materials for disposal. Use only non-combustible material for clean-up. Use clean, non-sparking tools to collect absorbed materials. Remove from surface by skimming or with suitable absorbents. Absorb spill.

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.

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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: vanilla

pH: N.D.

Vapor Pressure: N.D.

Specific Gravity: 1.019g/mL at 25C

Solubility in Water: Soluble

Dielectric Strength: N.D.

Vapor Density: >1 (air =1)

Evaporation Rate: N.D.

Boiling Point: N.D.

Melting Point: N.D.

Volatile Organic Compounds: 900g/L

10. STABILITY AND REACTIVITY

Stability: Not Determined

Conditions to avoid: Avoid impact, friction, heat, sparks, flame and source of ignition. Avoid static discharge.

Materials to avoid: Keep separate from alkalies. Prevent contact with strong oxidizing agents. Keep away from strong bases. 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 IR25: Not Determined

LC50 for Remove IR25: Not Determined

Dipropylene glycol mono methyl ether LD50 mg/kg N.D., LC50 mg/L >5000

Aliphatic dibasic esters LD50 mg/kg >5000, LC50 mg/L >10.7

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 IR25 is considered drain safe

14. TRANSPORT INFORMATION

US DOT: Combustible liquid, n.o.s. (dipropylene glycol methyl ether) - Combustible Liquid

DOT UN/NA Number: UN1993

Packing Group: III

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.

This product contains the following substance subjected to the reporting requirements of TSCA 12(B) if exported from the United States: Aliphatic dibasic ester MIXTURE

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

SARA Title III (40 CFR 372)

Section 311/312 Hazard Categories: Fire Hazard, Acute Health Hazard

Section 313 Reportable Ingredients: none

US State Regulations

New Jersey Right-To-Know Act reportable components: Surfactant

Pennsylvania Right-To-Know Act reportable components: Surfactant

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



Personal Protection- C

MSDS prepared by: Kathy Tylka, Regulatory Affairs Coordinator

Revision Date/Revision History: June 6, 2013 – initial release

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.

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