



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Remove IR10 (47132)
General Use: Removes ink from screen-printing screens
Manufacturer: SAATIchem
2050 Hammond Dr. Schaumburg, IL 60173
Tel: 1-847-925-8570 (Monday-Friday 8:30am – 5:00pm CST)
Fax: 1-847-925-9278
www.saatiamericas.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-TWA
Terpene hydrocarbons	25.0	5989-27-5		
Dipropylene glycol methyl ether	25.0	34590-94-8	100ppm	100ppm
2-(2-butoxyethoxy) ethanol	20.0	112-34-5	50ppm	20ppm
Aliphatic hydrocarbons	15.0	68551-17-7		
Alcohol ethoxylate	10.0	34398-01-1		

- Classified as Combustible Liquid Class II (OSHA)

3. HAZARDS IDENTIFICATION

Emergency Overview: COMBUSTIBLE LIQUID AND VAPOR.

Potential Health Effects

Eye: Moderately irritating to the eyes causing transient corneal injury.

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: Harmful if swallowed. May cause dizziness and drowsiness and/or stupor. Ingestion may cause liver and kidney damage. Overexposure may cause nausea, diarrhea, and/or vomiting.

Inhalation: Irritating to the respiratory system. May cause drowsiness and dizziness. 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: 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. May cause delayed lung damage. Overexposure may cause kidney damage.

Overexposure may cause nervous system damage.

Carcinogenicity: Not found to be a carcinogen

4. FIRST AID MEASURES

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

Skin: Remove contaminated shoes and clothes and clean before reuse. Wash with soap and water. Get medical attention if irritation develops or persists.

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Ingestion: Do not induce vomiting to prevent aspiration into the lungs. Do not give liquids. Get medical attention immediately.

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

5. FIRE FIGHTING MEASUR

Flash Point / Method: 138F

Flammable Limits: Not Applicable

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

Unusual Fire and Explosion Hazards: **WARNING.** Vapors/dust may form explosive mixture with air. Can form explosive mixtures at temperatures above the flashpoint. Vapors may travel to source of ignition and flash back. DO NOT pressurize, cut, braze, solder, drill, grind, or expose such containers to heat, sparks, static electricity, or other sources of ignition.

Autoignition Temperature: Not Applicable

Protection of Fire Firefighter: Wear full protective equipment and self-contained, positive pressure breathing apparatus. Water spray and foam must be applied carefully to avoid frothing.

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

Handling: Avoid breathing vapor, fumes or mist. Avoid contact with eyes, skin, and clothing. When transferring, follow proper grounding procedures. Use spark-resistant tools. Do not load into compartments adjacent to heated cargo. Follow all MSDS/label precautions even after containers are emptied because they may retain product residue. Use spark-proof tools and explosion proof equipment. Use only in well ventilated area.

Storage: Containers can build up pressure if exposed to heat (fire). Store containers in cool, well-ventilated place. Keep away from heat, sparks, and flame. Keep container closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use explosion-proof ventilation equipment. 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. Contact lenses should not be worn.

Other Protective Equipment: Suit and vapor respirator suggested.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: liquid

Appearance: clear liquid

Odor: typical

pH: N.D.

Vapor Pressure: N.D.

Specific Gravity: 0.8957

Solubility in Water: partial

Vapor Density: (AIR=1) >1

Evaporation Rate: (ETHER = 1) <1

Melting Point: Not Applicable

Volatile Organic Compounds: 545g/L

10. STABILITY AND REACTIVITY

Stability: N.D.

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Conditions to avoid: Sparks, flames, and other sources of heat. Minimize exposure to air.

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

Hazardous decomposition products: Carbon oxides. Toxic gases/fumes are give off during burning or thermal decomposition.

Hazardous polymerization: N.D.

11. TOXICOLOGICAL INFORMATION

LD50 for Remove IR10: N.D.

LC50 for Remove IR10: N.D.

Dipropylene glycol methyl ether: LD50 Oral (Rat) 5130 mg/kg

LD 50 Dermal (Rabbit) 9500 mg/kg

2-(2-butoxyethoxy)ethanol: LD50 Oral (Rat) 5660 mg/kg

LD50 Dermal (Rabbit) 2700 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 SAATIchem Technical Data Sheet, Remove IR10 is considered drain safe

14. TRANSPORT INFORMATION

US DOT: Combustible Liquid, n.o.s. (contains D'Limonene, dipropylene glycol methyl ether), NA1993, PGIII

15. REGULATORY INFORMATION

US Federal Regulations

CERCLA-SARA Hazard Category

IMMEDIATE HEALTH HAZARD, CHRONIC HEALTH HAZARD, FIRE HAZARD

SARA Title III (40 CFR 372)

Section 313 Reportable Ingredients: 112-34-5

TSCA 8(b): All components of this product are listed or are exempt from listing on the TSCA 8(b) inventory.

TSCA 12(b): 34590-94-8, 112-34-5, 107-21-1

US State Regulations

New Jersey Right-To-Know Act reportable components: CAS# 29911-28-2

Pennsylvania Right-To-Know Act reportable components: CAS# 29911-28-2

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

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Personal Protection- C

MSDS prepared by: Kathy Tylka, Regulatory Affairs Coordinator

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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.