



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Remove IR11 (47348)

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
Dipropylene glycol butoxy ether	35.0	29911-28-2		
Terpene Hydrocarbons	15.0	5989-27-5	Not Established	Not Established
Dipropylene glycol methyl ether acetate	20.0	88917-22-0		

*** The specific chemical identity and/or weight percent is being withheld as a trade secret

- Classified as Combustible Liquid Class IIIA (OSHA)

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: Harmful if swallowed.

Inhalation: May be irritating to the respiratory system.

Chronic hazards: No information.

4. FIRST AID MEASURES

Eyes: Flush eyes with water for at least 15 minutes. Seek medical attention immediately. Remove contact lenses if worn.

Skin: Wash affected area with soap and water. Remove contaminated shoes and clothes and clean before reuse. Seek medical attention immediately.

Ingestion: Do not induce vomiting to prevent aspiration into the lungs. Give victim a glass of water. Get medical attention immediately. Never give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air. Provide oxygen if breathing is difficult. Keep victim warm. Get medical attention immediately.

5. FIRE FIGHTING MEASURES

Flash Point / Method: 175°F TCC

Flammable Limits: Not Applicable

Extinguishing Media: Water fog, dry chemical, 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. 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.

6. ACCIDENTAL RELEASE MEASURES

Spills: Wear appropriate personal protective equipment. Do not touch or walk through spilled material. Avoid runoff into storm sewers and ditches, which lead to waterways. Ventilate spill area. Flush spill area with water. Use only non-combustible material for clean up. Use clean, non-sparking tools to collect absorbed materials. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. HANDLING AND STORAGE

Handling: Use only in a well ventilated area. Avoid breathing vapor, fumes or mist. Avoid contact with eyes, skin, and clothing. Always open containers slowly to allow any excess pressure to vent. If peroxide formation is suspected, do not open or move container. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Follow all MSDS/label precautions even after containers are emptied because they may retain product residues.

Storage: Keep away from heat, sparks, and flame. Keep container closed when not in use. Storage under nitrogen atmosphere is recommended. Store containers in a cool, well-ventilated place.

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 this product.

Respiratory Protection: If exposure levels exceed the PEL/TLV, use NIOSH-approved respirator with an organic vapor filter.

Skin Protection: Protective gloves.

Eye Protection: Wear safety glasses.

Other Protective Equipment: Apron and vapor respirator, suggested.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: liquid

Appearance: clear liquid

Odor: typical

Vapor Pressure: N.D.

Specific Gravity: 0.9752

Solubility in Water: partial

Vapor Density: >1

Evaporation Rate: (ETHER = 1) <1

Boiling Point: N.D.

Melting Point: Not Applicable

Volatile Organic Compounds: 253g/L

10. STABILITY AND REACTIVITY

Stability: N.D.

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

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

Hazardous decomposition products: Carbon monoxides, carbon dioxide. May form peroxides of unknown stability.

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 butoxy ether	17.4	

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 SAATlchem Technical Data Sheet, Remove IR11 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. (contains D'limonene, dipropylene glycol methyl ether), UN1993, 3, PG III

IMO: Flammable Liquids, n.o.s. (contains D'limonene, dipropylene glycol methyl ether), UN1993, 3, PG III

15. REGULATORY INFORMATION

US Federal and State Regulations

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

SARA Section 313: none

CERCLA – SARA HAZARD CATEGORY: IMMEDIATE HEALTH HAZARD, FIRE HAZARD

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- B

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,

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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.