



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Remove IR1 (46587)

General Use: Removes ink from screen-printing screens

Manufacturer: SAATlchem
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
Aliphatic Dibasic Ester	60.0	MIXTURE		
Glycol Ether	30.0	3459-94-8	100ppm	100ppm
Glycol Ether	15.0	107-98-2	150ppm	100ppm
Surfactant	15.0	9016-45-9		

- Classified as Combustible Liquid Class III A (OSHA)

3. HAZARDS IDENTIFICATION

Emergency Overview: COMBUSTIBLE LIQUID —Causes eye and skin irritation. In high concentrations, vapors can be irritating to the respiratory system. May be harmful if swallowed.

Potential Health Effects

Eye: Causes moderate to severe eye irritation, tearing and blurring of vision.

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

Ingestion: Presumed to be slightly toxic if swallowed.

Inhalation: May cause respiratory tract irritation. High concentrations may produce central nervous system depression.

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: Wash affected area with soap and water. Seek medical attention if irritation persists.

Ingestion: Dilute with liquids unless victim is unconscious or very drowsy. Do not induce vomiting to prevent aspiration into the lungs. Get medical attention immediately.

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

5. FIRE FIGHTING MEASURFlash Point / Method: 145F

Flammable Limits: Not Applicable

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

Autoignition Temperature: Not Applicable

Protection of Fire Firefighter: Wear full protective equipment and self-contained, positive pressure breathing apparatus.

Fire & Explosion Hazards: WARNING: Combustible; containers exposed to intense heat and flames should be cooled with water to prevent vapor pressure from building up and rupturing the container.

6. ACCIDENTAL RELEASE MEASURES

Spills: Contain spilled material. Absorb with inert material (e.g., clay, dry sand or earth) and transfer to secure containers. Flush area with water to minimize residue. If a vapor cloud forms, suppress with water fog. Dispose of in accordance with all current local, state, and federal regulations

7. HANDLING AND STORAGE

Store in a cool and dry area. Segregate from oxidizers and hazardous chemicals. 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: Good general ventilation should be sufficient to control airborne levels. At least 10 air changes per hour are recommended.

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

Skin Protection: Neoprene gloves.

Eye Protection: Safety glasses. Contact lenses should not be worn.

Other Protective Equipment: Apron and vapor respirator, suggested.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: liquid

Appearance: clear to amber liquid

Odor: slight solvent odor

pH: Not Applicable

Vapor Pressure: 0.9 mmHg at 68F (calculated)

Specific Gravity: 1.0368

Solubility in Water: Negligible at room temperature

Vapor Density: (AIR=1) >1

Evaporation Rate: (ETHER = 1) <1

Boiling Range: 248F-487F

Melting Point: Not Applicable

Volatile Organic Compounds: 911g/L

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to avoid: Sparks, flames, and other sources of heat

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

Hazardous decomposition products: Carbon oxides and nitrogen oxides

Hazardous polymerization: will not occur

11. TOXICOLOGICAL INFORMATION

Carcinogenicity: None Known

Dipropylene glycol methyl ether: 5.4 LD50mg/kg

1-methoxy-2-propanol: 6040 LD50mg/kg, 12.5 LC50mg/L

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.

Remove IR1

Revision Date: August 14, 2009

When used in accordance with the directions published in the SAATIchem Technical Data Sheet, Remove IR1 is considered drain safe.

14. TRANSPORT INFORMATION

US DOT: Combustible Liquids, n.o.s. (contains glycol ether), NA1993, PGIII

15. REGULATORY INFORMATION

US Federal Regulations

CERCLA-SARA Hazard Category

IMMEDIATE HEALTH HAZARD, CHRONIC HEALTH HAZARD, FIRE HAZARD

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

SARA Title III (40 CFR 372)

Section 311/312 Hazard Categories: None

Section 313 Reportable Ingredients: None

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

TSCA 12(b): CAS#34590-94-8

US State Regulations

New Jersey Right-To-Know Act reportable components: CAS# 9016-45-9

Pennsylvania Right-To-Know Act reportable components: CAS# 9016-45-9

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- B

MSDS prepared by: Kathy Tylka, Regulatory Affairs Coordinator

Revision Date: August 14, 2009

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.