



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: SAATlchem Remove IR1

General Use: Removes ink from screen-printing screens

Manufacturer: SAATlchem
 2050 Hammond Dr. Schaumburg IL. 60173
 Tel: 1-877-296-7697 or 1-847-296-7697 (Monday-Friday 8:00am – 4:30pm CST)
 Fax: 1-847-296-7408
 www.saatiamericas.com

Emergency Telephone Number: INFOTRAC 800-535-5053 or 352-323-3500, 24-hours everyday

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components	Percentage	CAS Number	OSHA PEL	ACGIH TLV
Glycol Ether	20 – 25	3459-94-8	100ppm/ 150ppm	100ppm/ 150ppm
Glycol Ether	10 - 20	107-98-2	Not Established	Not Established
Surfactant	10-15	9016-45-9	Not Established	Not Established

3. HAZARDS IDENTIFICATION

Emergency Overview: **COMBUSTIBLE LIQUID**—Causes eye, skin, and respiratory tract irritation. May be harmful if swallowed. Contains material that may cause damage to eyes, respiratory tract, central nervous system, and reproductive system.

Potential Health Effects

Eye: Causes moderate to severe eye irritation and possible corneal injury.

Skin: Causes skin irritation.

Ingestion: Presumed to be slightly toxic if swallowed.

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

Chronic Effects: Cyclic Ketone CAS# 872-50-4 has been shown in experimental animals to produce reproductive and developmental effects at very high, maternally toxic doses.

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 MEASURES

Flash Point / Method: 190F (73.6C) TCC

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

Small spill: 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.

Large spill: Absorb spill with inert material (e.g., clay, dry sand or earth). 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. 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 the PEL/TLV, use NIOSH-approved respirator with an organic vapor filter.

Skin Protection: Neoprene gloves

Eye Protection: Safety glasses, goggles or face shield. Contact lenses should not be worn.

Other Protective clothing: Protective apron, suggested

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: liquid

Appearance: clear to amber liquid

Odor: slight solvent odor

pH: 8.00

Vapor Pressure: < 1 mmHg at 68F (calculated)

Specific Gravity: 1.045

Solubility in Water: Negligible at room temperature

Vapor Density: (AIR=1) >1

Evaporation Rate: (ETHER = 1) <1

Boiling Point: 356F (165.8C)

Melting Point: Not Applicable

Percent Volatiles: 100%

Volatile Organic Compounds: 998g/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

Acute Toxicity Data: Not Determined

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.

14. TRANSPORT INFORMATION

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

Transport Canada: Not regulated

IATA: Not regulated

IMO: Not regulated

15. REGULATORY INFORMATION

US Federal Regulations

TSCA: All components of this product are listed on the TSCA Inventory.

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

US State Regulations

Pennsylvania Right-To-Know Act reportable components: CAS# 34590-94-8

California Proposition 65 reportable components: CAS# 872-50-4

Canadian Regulations

DSL: All components of this product are listed on the Domestic Substances List.

16. OTHER INFORMATION

HMIS Rating: Health-2, Fire-1, Reactivity-0, Personal Protection- H

MSDS prepared by: Joey Mucha, Regulatory Affairs Coordinator

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