



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: SAATlchem Remove IR2

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	Wt % Less Than	CAS Number	OSHA PEL	ACGIH TLV
2-(2-butoxyethoxy)ethanol	65.0	112-34-5	50ppm	20ppm
Propylene Carbonate	35.0	108-32-7	Not Established	Not Established
Surfactant	5.0	9016-45-9	Not Established	Not Established

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

3. HAZARDS IDENTIFICATION

Emergency Overview: Clear liquid with a mild odor. Causes eye, skin, and respiratory tract irritation. Ingestion may result in signs of intoxication such as drowsiness and dizziness.

Potential Health Effects

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

Skin: Causes skin irritation.

Ingestion: May cause dizziness and drowsiness and/or stupor. Harmful if swallowed.

Inhalation: Vapors can be irritating to the respiratory system. Harmful if inhaled.

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: 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: 220F

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: Vapors may form explosive mixture with air.

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.

HANDLING AND STORAGE

Store in a cool, well ventilated area. Keep away from heat, sparks and flame. Material that's being transferred should be grounded and bonded.

6. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Provide adequate ventilation to control air contaminants below recommended exposure limits.

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.

Other Protective clothing: Protective apron, suggested

7. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: liquid

Appearance: clear liquid

Odor: slight solvent odor

Vapor Pressure: 0.1 mmHg @ 68F

Specific Gravity: 1.0241

Solubility in Water: Negligible at room temperature

Vapor Density: 1.02

Evaporation Rate: (ETHER = 1) <1

Boiling Point: 446F

Melting Point: Not Applicable

Percent Volatiles: 31.6% by weight

Volatile Organic Compounds: 333g/L, 2.78 lbs/gal

8. 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. Avoid contact with moisture/water.

Hazardous decomposition products: Carbon monoxides, carbon dioxide and nitrogen oxides

Hazardous polymerization: will not occur

9. TOXICOLOGICAL INFORMATION

<u>Chemical Name</u>	<u>LD50mg/kg</u>	<u>LC50mg/L</u>
Glycol Ether	1480	1.6
Propylene carbonate	5000	1000

10. ECOLOGICAL INFORMATION

No data are available on the adverse effects of this material on the environment.

11. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all current local, state, and federal regulations.

12. TRANSPORT INFORMATION

US DOT: Not regulated
Transport Canada: Not regulated
IATA: Not regulated
IMO: Not regulated

13. REGULATORY INFORMATION

US Federal and State Regulations

TSCA: All components of this product are listed on the TSCA Inventory.
CERCLA (Hazard Category) –Immediate Health Hazard, Chronic Health Hazard
EPCRA Section 302: none
EPCRA Section 311/312: none
SARA Section 313: 2-(2-butoxyethoxy)ethanol CAS#112-34-5
California Proposition 65: none

14. OTHER INFORMATION

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

MSDS prepared by: Kathy Tylka, Regulatory Affairs Coordinator

Supercedes Date: November 23, 2005

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