



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: SAATlchem Remove IR8 (47086)
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

Components	Wt% Less Than	CAS Number	OSHA PEL	ACGIH TLV
Alcohol ethoxylate	30.0	34398-01-1		
Glycol Ether	***	***		
Terpene hydrocarbons	5.0	5989-27-5		

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

3. HAZARDS IDENTIFICATION

Emergency Overview: Causes skin burns.

Potential Health Effects

Eye: Severely irritating. If not removed promptly, will injure eye tissue, which may result in permanent damage.

Skin: Can be absorbed through skin and produce central nervous system effects. Causes skin burns. May cause allergic skin reaction.

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

Inhalation: Dust/Mist irritates nose and throat. Vapors can cause irritation of the respiratory tract. High concentrations can cause headache, nausea, weakness, lightheadedness, and stupor.

Chronic Effects: 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. Get medical attention promptly. Remove contact lenses if worn.

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

Ingestion: Do not induce vomiting. Do not give liquids. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Inhalation: . Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult,

give oxygen. Get immediate medical attention.

5. FIRE FIGHTING MEASURES

Flash Point / Method: >200 (TCC)

Flammable Limits: Not Applicable

Extinguishing Media: Dry chemical, foam or carbon dioxide, water fog

Autoignition Temperature: Not Applicable

Protection of Fire Firefighter: **DO NOT USE WATER.** Water spray to cool containers or protect personnel. Use with caution. As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

Fire & Explosion Hazards: Rags soaked with any solvent present a fire hazard and should be stored in UL listed or Factory Mutual approved, covered containers. Improperly stored rags can create conditions that lead to oxidation. Oxidation, under certain conditions, (especially if the temperature exceeds 180 F) can lead to spontaneous combustion. This product contains antioxidants to retard oxidation up to 180F.

6. ACCIDENTAL RELEASE MEASURES

Small spill: Contain spilled material. Transfer to secure containers. Prevent additional discharge of material if able to do so safely. Flush area with water to minimize residue.

Large spill: Absorb spill with inert material (e.g., dry sand or earth). Transfer to secure containers. Flush area with water to minimize residue. Dispose of in accordance with all current local, state, and federal regulations. Ventilate spill area.

7. HANDLING AND STORAGE

Store in a cool and dry area. Segregate from oxidizers and hazardous chemicals. Keep away from heat, sparks, and flame. Keep container closed when not in use. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

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 the product.

Respiratory Protection: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Skin Protection: Wear impervious protective gloves. Wear protective gear as needed –apron, suit, boots.

Eye Protection: Do not wear contact lenses. **Wear safety glassed with side shields (or goggles) and a face shield.**

Other protective equipment: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Hygienic Practices: Do not eat, drink, or smoke in areas where this material is used. Avoid breathing vapors. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: liquid

Appearance: clear, transparent liquid

Odor: typical

pH: N.D.

Vapor Pressure: N.D.

Specific Gravity: 0.9624 g/mL at 25C

Solubility in Water: Soluble

Dielectric Strength: N.D.

Vapor Density: >1 (air =1)

Evaporation Rate: (NBAC = 1) <1

Boiling Point: >600F (315C) at 760 mmHg pressure

Melting Point: N.D.
Volatile Organic Compounds: 93g/L

10. STABILITY AND REACTIVITY

Stability: Not Determined
Conditions to avoid: None Known
Materials to avoid: Keep away from strong bases. Prevent contact with strong oxidizing agents.
Hazardous decomposition products: During combustion carbon dioxide may be formed. During combustion carbon monoxide may be formed.
Hazardous polymerization: Not Determined

11. TOXICOLOGICAL INFORMATION

Product LD50: Not Determined
Product LC50: Not Determined
Alcohol ethoxylate: LD50 mg/kg =2750.0

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: Not regulated
Packing Group:
DOT UN/NA Number:

15. REGULATORY INFORMATION

US Federal Regulations

TSCA: All components of this product are listed or are exempt from listing on the TSCA 8(b) Inventory. If the identified components of this product are listed under the TSCA 12/(b) export notification rule, they will be listed below

1,2 –ethanediol, CAS #107-21-1

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

SARA Title III (40 CFR 372)

Section 311/312 Hazard Categories: Immediate health hazard, chronic health hazard

Section 313 Reportable Ingredients: NA

US State Regulations

New Jersey Right-To-Know Act reportable components: Diisobutyl DBE (MIXTURE)

Pennsylvania Right-To-Know Act reportable components: Diisobutyl DBE (MIXTURE)

California Proposition 65 reportable components: None.

Canadian Regulations

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

16. OTHER INFORMATION



17. HMIS III Rating: Health-2 , Fire-1 , Reactivity-0 , Personal Protection- B

MSDS prepared by: Kathy Tylka, Regulatory Affairs Coordinator

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