



## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** SAATlchem Remove IR3

**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
NONE				

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

### 3. HAZARDS IDENTIFICATION

**Emergency Overview:** Pale yellow to clear liquid with slight vegetable oil odor. Material does not pose an immediate health hazard.

#### Potential Health Effects

**Eye:** Not classified as an eye irritant.  
**Skin:** Not classified as a skin irritant.  
**Ingestion:** May be harmful if swallowed.  
**Inhalation:** No known problems.

**Chronic Effects:** No known problems.

**Carcinogenicity:** Not found to be a carcinogen

### 4. FIRST AID MEASURES

**Eyes:** Flush eyes with water for at least 15 minutes.  
**Skin:** Wash affected area with soap and water.  
**Ingestion:** Do not induce vomiting. Get medical attention immediately.  
**Inhalation:** Remove to fresh air. Get medical attention if irritation persists.

### 5. FIRE FIGHTING MEASURES

**Flash Point / Method:** 425F (218C) PMCC  
**Flammable Limits:** Not Applicable  
**Extinguishing Media:** Water spray, dry chemical, foam or carbon dioxide  
**Autoignition Temperature:** Not Applicable

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

**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. 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.

## 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.

**Respiratory Protection:** Not Required

**Skin Protection:** Neoprene gloves, suggested

**Eye Protection:** Safety glasses, suggested

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** liquid at room temperature

**Appearance:** Pale yellow to clear liquid

**Odor:** slight vegetable oil odor

**pH:** 5.0-6.0

**Vapor Pressure:** 0.882 mm Hg at 25C

**Specific Gravity:** 0.882 g/mL at 25C

**Solubility in Water:** Negligible at room temperature

**Dielectric Strength:** >56.9

**Vapor Density:** Not Applicable

**Evaporation Rate:** (NBAC = 1) <0.005 at 76F

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

**Melting Point:** -1C

**Percent Volatiles:** <4.89% (EPA Method #24)

**Volatile Organic Compounds:** <43g/L (EPA Method #24)

## 10. STABILITY AND REACTIVITY

**Stability:** Stable

**Conditions to avoid:** None Known

**Materials to avoid:** Strong Oxidizing Agents

**Hazardous decomposition products:** Carbon oxides

**Hazardous polymerization:** None Likely

## 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: Not regulated  
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: None.

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

MSDS prepared by: Joey Mucha, Regulatory Affairs Coordinator

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