



## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** SAATlchem Remove PW2  
**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
Aliphatic Petroleum Solvent	45.0	64742-47-8	100ppm	100ppm
Glycol Ether	35.0	34590-94-8	100ppm/ 150ppm	100ppm/ 150ppm
Glycol Ether	10.0	107-98-2	100ppm/ 150ppm	100ppm/ 150ppm
Terpene Solvent	10.0	5989-27-5	Not Established	Not Established
Glycol Ether	10.0	112-34-6	Not Established	Not Established

### 3. HAZARDS IDENTIFICATION

**Emergency Overview:** Clear to amber liquid with mild citrus odor. **COMBUSTIBLE LIQUID—** Causes eye, skin, and respiratory tract irritation. May be harmful if swallowed. Contains material that may cause damage to eyes, respiratory tract, and central nervous 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:** May cause kidneys and/ or liver damage. Symptoms of Chronic Overexposure include memory loss, loss of coordination and intellectual ability.

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

### 3. 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 water or milk unless the victim is unconscious. 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.

#### 4. FIRE FIGHTING MEASURES

**Flash Point / Method:** 108F (42.2C) 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.

#### 5. 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.

#### 6. 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.

#### 7. 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

#### 8. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** liquid

**Appearance:** clear to amber liquid

**Odor:** slight citrus odor

**pH:** 6.0 – 8.0

**Vapor Pressure:** 1.2 mmHg @20C

**Specific Gravity:** 0.8691 @ 20C

**Solubility in Water:** Negligible

**Vapor Density: (AIR=1) >1**

**Evaporation Rate: (ETHER = 1) <1**

**Boiling Point:** 248 F

**Melting Point:** Not Applicable

**Percent Solids:** Not Applicable

**Percent Volatiles (excluding exempt solvents):** 100%\

**VOC's:** 7.2383 lbs/gal; 867 g/L

#### 9. STABILITY AND REACTIVITY

**Stability:** Stable

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

**Materials to avoid:** Strong oxidizing agents

**Hazardous decomposition products:** Carbon oxides and unidentified organic compounds

**Hazardous polymerization:** will not occur

## 10. TOXICOLOGICAL INFORMATION

**Carcinogenicity:** None Known

**Acute Toxicity Data:** None known

## 11. ECOLOGICAL INFORMATION

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

## 12. DISPOSAL CONSIDERATIONS

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

## 13. TRANSPORT INFORMATION

**US DOT:** Flammable Liquids, n.o.s. (contains aromatic hydrocarbons), UN1993, PGIII. **When not transported by aircraft or vessel, product can be reclassified as combustible liquid.**

**Transport Canada:** Flammable Liquids, n.o.s. (contains aromatic hydrocarbons), UN1993, PGIII.

**IATA:** Flammable Liquids, n.o.s. (contains aromatic hydrocarbons), UN1993, PGIII.

**IMO:** Flammable Liquids, n.o.s. (contains aromatic hydrocarbons), UN1993, PGIII.

## 14. 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:** Diethylene glycol butyl ether (CAS# 112-34-5)  
8.00WT%

### US State Regulations

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

**California Proposition 65 reportable components:** None

### Canadian Regulations

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

## 15. OTHER INFORMATION

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

**MSDS prepared by:** Kathy Tylka, Regulatory Affairs Coordinator

**Supersedes Date:** July 27, 2005

**Date Prepared:** November 9, 2006