



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: SAATlchem Remove PW4 (46740)
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	50.0	64742-47-8	100ppm	100ppm
Terpene Hydrocarbons	40.0	5989-27-5	Not Established	Not Established
Glycol Ether	15.0	34590-94-8	100ppm/ 150ppm	100ppm/ 150ppm
1-methoxy-2-propanol	5.0	107-98-2	100ppm/ 150ppm	100ppm/ 150ppm

3. HAZARDS IDENTIFICATION

Emergency Overview: Combustible liquid and vapor.

Potential Health Effects

Eye: Causes eye irritation.

Skin: Causes skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Personnel with pre-existing skin disorders should avoid contact with this product.

Ingestion: Harmful or fatal if liquid is aspirated into lungs. Harmful if swallowed.

Inhalation: Irritating to the respiratory system. May cause drowsiness and dizziness. Vapors can cause irritation of the respiratory tract. High concentrations can cause headache, nausea, weakness, lightheadedness, and stupor (CNS depression). Prolonged inhalation may be harmful.

Chronic Effects: Significant exposure to this chemical may adversely affect people with chronic disease of the CNS. Overexposure may cause nervous system damage.

Carcinogenicity: Not found to be a carcinogen

4. FIRST AID MEASURES

Eyes: Remove contact lenses if worn. Flush eyes with water for at least 15 minutes. Get medical attention if irritation persists.

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

Ingestion: Do not induce vomiting to prevent aspiration into the lungs. Do not give liquids. Get medical attention immediately.

Inhalation: Remove to fresh air. Provide oxygen if breathing is difficult. Get immediate medical attention.

5. FIRE FIGHTING MEASURES

Flash Point / Method: 120°F (48.9°C)TCC

Flammable Limits: Not Applicable

Extinguishing Media: Dry chemical, foam or carbon dioxide

Autoignition Temperature: Not Applicable

Protection of Fire Firefighter: Do not use water. Water spray to cool containers or protect pers personnel. Wear full protective equipment and self-contained, positive pressure breathing apparatus.

Fire & Explosion Hazards: WARNING: Combustible liquid. May cause flash fire or explosion. Vapors/dust may form explosive mixture with air. Vapors may travel to a source of ignition and flash back. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. Also, DO NOT reuse containers without commercial cleaning or reconditioning.

6. ACCIDENTAL RELEASE MEASURES

Spill: Recover by pumping (use an explosion proof or hand pump). Eliminate all ignition sources. Prevent additional discharge of material if able to do so safely. Flush spill area with water. Use water mist or spray to disperse vapors. Use only non-combustible material for clean-up. Avoid runoff into storm sewers and ditches which lead to waterways. Wear a self-contained breathing apparatus and appropriate personal protective equipment. Absorb spill with inert material (earth or dry sand), then place in a chemical waste container. Remove from surface by skimming or with suitable absorbents.

7. HANDLING AND STORAGE

Potential peroxide former. Follow all MSDS/label precautions even after containers are emptied because they may retain product residues. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Use only in well ventilated area. Store in a cool and dry area. Materials can accumulate static charges which can cause an incendiary electric discharge. Storage under nitrogen atmosphere is recommended. Protect from direct sunlight. Keep away from heat, sparks, flame. Keep containers closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Good general ventilation should be sufficient to control airborne levels.

Respiratory Protection: If exposure levels exceed the PEL/TLV, use NIOSH/MSHA-approved respirator with an organic vapor filter.

Skin Protection: Wear long sleeves when contact is likely to occur. Wear impervious protective gloves.

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

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: liquid

Appearance: clear, transparent liquid

Odor: citrus

Vapor Pressure: N.D.
Specific Gravity: 0.8246 @ 20C
Solubility in Water: partial
Vapor Density: (AIR=1) >1
Evaporation Rate: (ETHER = 1) <1
Melting Point: Not Applicable
Percent Solids: Not Applicable
Volatile Organic Compounds: 807g/L

10. STABILITY AND REACTIVITY

Stability: N.D.
Conditions to avoid: Sparks, flames, and other sources of heat. Avoid impact and friction. Minimize exposure to air.
Materials to avoid: Strong oxidizing agents
Hazardous decomposition products: Carbon dioxide, carbon monoxide, toxic gases/fumes are given off during burning or thermal decomposition.
Hazardous polymerization: N.D.

11. TOXICOLOGICAL INFORMATION

Product LD50: N.D
Product LC50: N.D

Dipropylene glycol methyl ether: LD50 mg/kg=5.4
1-methoxy-2-propanol: LD50 mg/kg = 6040, LC50 mg/L = 12.5

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 liquid, n.o.s. (terpene solvent)
Packing Group: II
DOT UN/NA Number: NA1993
ERG# 128

15. REGULATORY INFORMATION

US Federal Regulations

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

Dipropylene glycol methyl ether CAS#34590-94-8

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, Fire Hazard

Section 313 Reportable Ingredients: none

US State Regulations

New Jersey Right-to-Know Act: CAS# 9016-45-9

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-1, Fire-2 , Reactivity-0 , Personal Protection- H

MSDS prepared by: Kathy Tylka, Regulatory Affairs Coordinator

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