



## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** REMOVE PW3 (49468)  
**General Use:** Removes ink from screen-printing screens  
**Manufacturer:** SAATI  
201 Fairview St. Ext. Fountain Inn, SC. 29644  
Tel: 1-864-601-8300  
Fax: 1-864-862-0089  
Hours: Monday-Friday 8:30am – 5:00pm  
<http://msds.saatiexpress.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
Isoparaffinic hydrocarbon	60.0	64742-48-9	Not Established	Not Established
Triethylene glycol monobutyl ether	45.0	143-22-6	Not Established	Not Established

### 3. HAZARDS IDENTIFICATION

**Emergency Overview:** Combustible liquid and vapor.

**Eye:** May cause eye irritation.

**Skin:** May cause skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

**Ingestion:** Aspiration hazard if swallowed – can enter lungs and cause damage. Ingestion may cause gastrointestinal tract irritation.

**Inhalation:** Vapors can cause irritation of the respiratory tract. High concentrations can cause headache, nausea, weakness, lightheadedness, and stupor (CNS depression)

**Primary route(s) of entry:** eye contact, ingestion, inhalation, skin contact

### 4. FIRST AID MEASURES

**Eyes:** Remove contact lenses if worn. 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. Remove contaminated shoes and clothes and clean before reuse.

**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. Keep victim warm. Get medical attention.

### 5. FIRE FIGHTING MEASURES

**Flash Point / Method:** 150F(TCC)

**Usual Fire and Explosion Hazards:** Combustible liquid and vapor. Vapors can travel to 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 and reconditioning. Closed container may explode under extreme heat.

**Special Firefighting procedures:** As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Avoid use of solid water streams. Water spray to cool containers or protect personnel. Use with caution. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

**Extinguishing Media:** Carbon dioxide, dry chemical, foam, water fog

### 6. ACCIDENTAL RELEASE MEASURES

**Steps to be taken in case material is released or spilled:** Wear appropriate personal protective equipment. Eliminate all ignition sources. Prevent additional discharge of material if able to do so safely. Do not touch or walk through spilled material. Avoid runoff into storm sewers and ditches which lead to waterways. Ventilate spill area. Stay upwind of spill. Collect spilled material for disposal. Use only non-combustible material for clean-up. Use clean, non-sparking tools to collect absorbed materials. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Recover by pumping (use an explosion proof or hand pump).

### 7. HANDLING AND STORAGE

**Handling:** Use only in a well-ventilated area. Avoid breathing vapor, fumes or mist. Avoid contact with eyes, skin, and clothing. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Always open containers slowly to allow any excess pressure to vent. Follow all MSDS/label precautions even after containers are emptied because they may retain product residues.

**Storage:** Keep away from heat, sparks, and flame. Containers can build up pressure if exposed to heat (fire). Store containers in a cool, well ventilated place. Keep container closed when not in use.

### 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 this product. Use explosion-proof ventilation equipment.

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

**Skin Protection:** Wear impervious gloves to prevent contact with skin.

**Eye Protection:** Safety glasses and/or face shield.

**Other Protective clothing:** Protective apron and vapor respirator suggested

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** liquid

**Appearance:** clear

**Odor:** typical

**pH:** N.D.

**Vapor Pressure:** N.D.

**Specific Gravity:** 0.848

**Solubility in Water:** Partial

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

**Evaporation Rate:** N.D.

**Boiling Point:** N.D.

**Melting Point:** N.D.

**Volatile Organic Compounds:** 490g/L

**10. STABILITY AND REACTIVITY**

**Stability:** No Information

**Conditions to avoid:** Sparks, flames, and other sources of heat as well as impact and friction.

**Materials to avoid:** Strong oxidizing agents, alkalines.

**Hazardous decomposition products:** Carbon dioxide and carbon monoxide may be formed. Toxic gases/fumes are given off during burning or thermal decomposition.

**Hazardous polymerization:** No Information

**11. TOXICOLOGICAL INFORMATION**

Isoparaffinic hydrocarbon LD50 mg/kg = >10000, LC50 mg/L = N.D.

Triethylene glycol monobutyl ether LD50 mg/kg = 5300, LC50 mg/L = N.D.

**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 (naphtha mixture)

**Packing Group:** III

**DOT UN/NA Number:** NA1993

**ERG #** 128

The listed Transportation Information applies only to ground transport.

**15. Regulatory Information**

**CERCLA – SARA Hazard Category**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Section 311 and 313 and Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definition to meet the following categories:

**FIRE HAZARD, ACUTE HEALTH HAZARD**

**SARA Section 313:**

This product contains the following substances subject to the reporting requirements of Section 313 of the Title Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372: None.

**Toxic Substance Control Act:**

All components of this product are listed or are exempt from listing on the TSCA 8(b) inventory. If identified components are this product are listed under TSCA 12 (b) export notification rule, they will be listed below: None

**New Jersey Right-To-Know:**

The following materials are non-hazardous, but are among the top five components in this product: None

**Pennsylvania Right-to-Know:**

The following non-hazardous ingredients are present in the product at greater than 3%: None

**International Regulations:**

**CANADIAN WHMIS:**

This MSDS has been prepared in compliance with Controlled Product Regulations.

**16. OTHER INFORMATION**

**HMIS III:** Health-2 , Fire-1 , Physical Hazard-0 ,

Personal Protection- B



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

**Revision Date/Revision History:** June 21, 2012

January 22, 2014 - Logo

**Note for users:**

The information contained in the present sheet is based on our knowledge, on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property. The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

*Remove PW3*  
**Revision Date:** *January 22, 2014*