



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: SAATIchem REMOVE ER10
General Use: Removes screen-printing stencils from fabric
Manufacturer: SAATIchem
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
Periodic Acid	50	10450-60-9	Not Determined	Not Determined

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

3. HAZARDS IDENTIFICATION

Emergency Overview

Clear, colorless liquid with slight odor. **CAUTION—Oxidizer**, may ignite organic and other easily oxidizable materials. **Corrosive** – May cause burns to eyes and skin. May cause irritation and possibly burns to digestive and respiratory tracts.

Potential Health Effects

Eye: Direct contact will cause irritation and possibly permanent corneal opacification.
Skin: May cause irritation and possibly burns.
Ingestion: May be harmful if swallowed, possible burns and/ or perforation of the digestive tract.
Inhalation: Vapor may cause irritation and destruction to the mucous membranes of the respiratory tract.

Chronic Effects/Carcinogenicity: None known.

4. FIRST AID MEASURES

Eyes: Immediately flush with water at least 15 minutes. Get medical attention immediately.
Skin: Flush with large amounts of water. Get medical attention if irritation persists.
Ingestion: Do not induce vomiting. Get medical attention immediately.
Inhalation: Remove to fresh air. Get medical attention if breathing difficulties persists.

5. FIRE FIGHTING MEASURES

Flash Point / Method: Not applicable
Flammable Limits: Not available

Extinguishing Media: Water spray.
Autoignition Temperature: Not available
Protection of Fire Firefighter: Wear full protective equipment and self-contained breathing apparatus.
Fire & Explosion Hazards: Non-flammable and not an explosion hazard, but it is an oxidizing agent. Emits toxic fumes under fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Small spill: Flush to waste with large quantities of water. Mop with water soaked towels, dry paper towels may smolder and ignite.

Large spill: Absorb spill with inert material (e.g., dry sand or earth). Flush area with water to minimize residue.

7. HANDLING AND STORAGE

Store in a cool and dry area. Segregate from other hazardous chemicals. Avoid contact with eyes, skin, and clothing. Avoid breathing mist. Wash thoroughly after handling.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Respiratory Protection: There are no known exposure limits for this product; however, when it is used as supplied by the manufacturer, respiratory protection is recommended. Respiratory protection is not required when it is used in the diluted form, 1:80 by volume.

Skin Protection: Neoprene gloves

Eye Protection: Safety glasses

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Appearance: Clear, colorless

Odor: Slight

Vapor Pressure: as water

Specific Gravity: 1.4

Solubility in Water: Complete

pH: <2.0

Vapor Density: 7.9

Evaporation Rate: <1 (butyl acetate=1)

Boiling Point: Not available

Melting Point: 252°F (122°C)

Percent Volatiles: 50%

Volatile Organic Compounds: 0 g/L

10. STABILITY AND REACTIVITY

Stability/Conditions to avoid: Stable

Materials to avoid: Reducing agents, finely powdered metals, strong bases, dimethyl sulfoxide, flammables

Conditions to avoid: heat, direct sunlight

Hazardous decomposition products: None under normal conditions. Iodine/ oxides of iodine are possible in extreme heat.

Hazardous polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

Not found to be a carcinogen
Acute Toxicity Data: LD₅₀, LC₅₀ 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: Oxidizing Liquid, corrosive, n.o.s. (Periodic Acid Solution), 5.1, UN3098, PG II
Transport Canada: Oxidizing Liquid, corrosive, n.o.s. (Periodic Acid Solution), 5.1, UN3098, PG II
IATA: Oxidizing Liquid, corrosive, n.o.s. (Periodic Acid Solution), 5.1, UN3098, PG II
IMO: Oxidizing Liquid, corrosive, n.o.s. (Periodic Acid Solution), 5.1, UN3098, PG II

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-3, Fire-0, Reactivity-1, Personal Protection-J

MSDS prepared by: Kathy Tylka, Regulatory Affairs Coordinator

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