



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: REMOVE ER5

General Use: Removes screen-printing stencils from fabric

Manufacturer: SAATlchem
2050 Hammond Dr. Schaumburg, IL 60173
Tel: 1-847-925-8570 (Monday-Friday 8:30am – 5:00pm CST)
Fax: 1-847-925-9278
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
Sodium Metaperiodate	4	7790-28-5	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 odorless solution. **CAUTION** - May cause eye and skin irritation.

Potential Health Effects – Dermatitis.

Eye: Direct contact will cause irritation.

Skin: May cause irritation.

Ingestion: Large amounts may cause gastro-intestinal irritation.

Inhalation: Vapor may cause mild irritation.

Chronic Effects/Carcinogenicity: None known.

4. FIRST AID MEASURES

Eyes: Immediately flush with water at least 15 minutes. Get medical attention if irritation occurs.

Skin: Flush with large amounts of water. Get medical attention if irritation persists.

Ingestion: Drink plenty of water to dilute. 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, but dried residue is an oxidizer and contact with combustible materials may cause a fire.

ACCIDENTAL RELEASE MEASURES

Remove ER5

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

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

6. HANDLING AND STORAGE

Store in a cool and dry area. Keep away from heat, direct sunlight, organics, flammables, and combustibles. Avoid contact with eyes, skin, and clothing. Avoid breathing mist. Wash thoroughly after handling.

7. 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 only a recommendation of good manufacturing practices.

Skin Protection: Neoprene gloves

Eye Protection: Safety glasses

8. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: liquid

Appearance: clear

Odor: odorless

Vapor Pressure: as water

Specific Gravity: 1.0

Solubility in Water: complete

pH: 4.0-5.0

Vapor Density: <1

Evaporation Rate: <1

Boiling Point: Dec. 100°C

Melting Point: Dec. 0°C

Percent Volatiles: <98%

Volatile Organic Compounds: 0 g/L

9. STABILITY AND REACTIVITY

Stability/Conditions to avoid: Stable

Materials to avoid: Reducing agents, flammables, combustibles

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

10. TOXICOLOGICAL INFORMATION

Not found to be a carcinogen

Acute Toxicity Data:

LD₅₀ 58 mg/kg intraperitoneal (mouse)

LC₅₀ Not Determined

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: Not regulated

Transport Canada: Not regulated

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IATA: Not regulated

IMO: Not regulated

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: 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.

15. OTHER INFORMATION

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



Personal Protection-B

WHMIS Rating: Not applicable, non-hazardous

MSDS prepared by: Joey Mucha, Regulatory Affairs Coordinator

Revision Date: August 17, 2009

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.