

**SAFETY DATA SHEET**

U.S. HazCom GHS Format



Date Prepared : 07/22/2014

MSDS No : 3

Date Revised : 01/31/2018

Revision No : 5

**REMOVE ER2****1. PRODUCT AND COMPANY IDENTIFICATION****PRODUCT NAME:** REMOVE ER2**GENERAL USE:** Removes screen-printing stencils from fabric**PRODUCT DESCRIPTION:** Emulsion Remover**PRODUCT CODE:** SCRE00200PG015, SCRE00200ZG05C, SCRE00200LOZ05, SCRE00200PQ001, SCRE00200PG013**ACTIVE INGREDIENT(S):** Periodic Acid**MANUFACTURER**

SAATI

Chemicals

201 Fairview St. Extension

Fountain Inn, SC 29644

**Emergency Contact:** Ross Balfour**Alternate Contact:** Kathy Tyka**Customer Service:** 800-431-2200**Transportation:** 864-601-8305**Fax:** 864-862-0089**E-Mail:** info.us@saati.com**Web:** www.saati.com**24 HR. EMERGENCY TELEPHONE NUMBERS**INFOTRAC 800-535-5053 or 352-323-3500, 24-hours  
everyday**2. HAZARDS IDENTIFICATION****GHS CLASSIFICATIONS****Health:**

Skin Corrosion, Category 1B

Serious Eye Damage, Category 1

**Environmental:**

Chronic Hazards to the Aquatic Environment, Category 3

**GHS LABEL**

GHS05

**SIGNAL WORD:** DANGER**HAZARD STATEMENTS**

H314: Causes severe skin burns and eye damage.

H412: Harmful to aquatic life with long lasting effects.

**PRECAUTIONARY STATEMENT(S)****Prevention:**

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P264: Wash skin thoroughly after handling.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P363: Wash contaminated clothing before reuse.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P310: Immediately call a POISON CENTER/doctor/physician.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Storage:**

P405: Store locked up.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt.%	CAS
Periodic Acid	20 - 30	10450-60-9
disodium dodecyl(sulphonatophenoxy)benzenesulphonate	1 - 5	28519-02-0
disodium 2,2'(or 3,3')-oxybis[5(or 2)-dodecylbenzenesulphonate]	1 - 5	25167-32-2

**4. FIRST AID MEASURES**

**EYES:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**SKIN:** Wash off with soap and plenty of water. Consult a physician.

**INGESTION:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**INHALATION:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**5. FIRE FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**HAZARDOUS COMBUSTION PRODUCTS:** Not Available

**FIRE FIGHTING EQUIPMENT:** Wear self contained breathing apparatus for fire fighting if necessary.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Not Available

**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal. Clean surface thoroughly to remove residual contamination.

**LARGE SPILL:** Wear suitable protective equipment. Contain spill. Soak up with absorbent material and transfer to a container for disposal according to local/state/federal regulations.

**ENVIRONMENTAL PRECAUTIONS**

**WATER SPILL:** Do not allow uncontrolled discharge of product into the environment.

**7. HANDLING AND STORAGE**

**HANDLING:** Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition.

**STORAGE:** Keep container tightly closed.

**SHELF LIFE:** 24 months

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**ENGINEERING CONTROLS:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Safety glasses. Use equipment for eye protection tested and approved under appropriate government

standards such as NIOSH (US).

**SKIN:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**RESPIRATORY:** Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US).

**PROTECTIVE CLOTHING:** Apron recommended.

**WORK HYGIENIC PRACTICES:** Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when handling this material: (1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics areas with this material stored. (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the restrooms. (3) Wash exposed skin promptly to remove accidental splashes of contact with this material.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Slight

**COLOR:** Clear - Amber

**pH:** < 2

**PERCENT VOLATILE:** 55

**FLASH POINT AND METHOD:** Not Available

**FLAMMABLE LIMITS:** Not Available

**AUTOIGNITION TEMPERATURE:** Not Available

**VAPOR PRESSURE:** Not Available

**VAPOR DENSITY:** Not Available

**BOILING POINT:** Not Available

**FREEZING POINT:** Not Available

**MELTING POINT:** Not Available

**POUR POINT:** Not Available

**THERMAL DECOMPOSITION:** Not Available

**SOLUBILITY IN WATER:** completely soluble

**EVAPORATION RATE:** Not Available

**SPECIFIC GRAVITY:** 1.254

**VISCOSITY:** Not Available

**MOLECULAR WEIGHT:** Not Available

**(VOC):** 0 g/L

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** Yes

**STABILITY:** Stable under recommended storage conditions.

**CONDITIONS TO AVOID:** All sources of heat and sources of ignition.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Not Available

**INCOMPATIBLE MATERIALS:** Strong reducing agents, Powdered metals, Strong bases, Dimethyl sulfoxide. (DMSO)

## 11. TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY**

**DERMAL LD<sub>50</sub>:** Not yet determined for this product

**ORAL LD<sub>50</sub>:** Not yet determined for this product

**INHALATION LC<sub>50</sub>:** Not yet determined for this product

#### CARCINOGENICITY

**IARC:** Not listed

**NTP:** Not listed

**OSHA:** Not listed

#### 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** No specific data are available for this product. Handle it according to good working practices.


#### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of in accordance with all current local, state and federal regulations.

#### 14. TRANSPORT INFORMATION

##### DOT (DEPARTMENT OF TRANSPORTATION)


##### PROPER SHIPPING NAME:

	DOT CLASSIFICATION
UN number	UN 3264
UN proper shipping name	Corrosive liquid, acidic, inorganic, n.o.s. (contains periodic acid)
Transport hazard class	8
Packing group	III
TDG 500 KG Exemption	Yes
Label	

**SPECIAL SHIPPING NOTES:** Protect from freezing.

##### AIR (ICAO/IATA)

##### SHIPPING NAME:

	IATA
UN number	UN 3264
UN proper shipping name	Corrosive liquid, acidic, inorganic, n.o.s. (contains periodic acid)
Transport hazard class	8
Packing group	III
Passenger air max	5 L
Label	

#### 15. REGULATORY INFORMATION

**UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

311/312 HAZARD CATEGORIES: ACUTE HEALTH HAZARD

FIRE: No PRESSURE GENERATING: No REACTIVITY: No ACUTE: Yes CHRONIC: No

**302/304 EMERGENCY PLANNING**

EMERGENCY PLAN: None

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

TSCA REGULATORY: All components of this product are listed on the TSCA Inventory.

**REGULATIONS**

STATE REGULATIONS: CAS # 10450-60-9 New Jersey Right To Know Component, Pennsylvania Right To Know Components

CALIFORNIA PROPOSITION 65: None

**CANADA****WHMIS HAZARD SYMBOL AND CLASSIFICATION**

Corrosive

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): Controlled Product

WHMIS CLASS: E

DOMESTIC SUBSTANCE LIST (INVENTORY): All components of this product are listed on the Domestic Substances List.

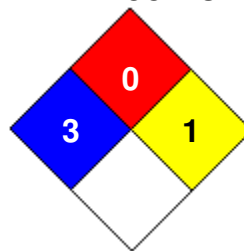
**16. OTHER INFORMATION**

PREPARED BY: SDS Regulatory Specialist Date Revised: 01/31/2018

REVISION SUMMARY: This MSDS replaces the 07/12/2017 MSDS.

**HMIS RATING**

HEALTH		3
FLAMMABILITY		0
PHYSICAL HAZARD		1
PERSONAL PROTECTION	C	

**NFPA CODES**

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