

SAFETY DATA SHEET

U.S. HazCom GHS Format



Date Issued : 7/22/2014

MSDS No : 3

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**Emergency Phone:** 847-942-1719**Alternate Emergency Phone:** 864-601-8710**Customer Service:** 800-431-2200**Transportation:** 864-601-8305**E-Mail:** info.us@saati.com, <http://msds.saatiexpress.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): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P363: Wash contaminated clothing before reuse.

P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

P310: Immediately call a POISON CENTER or 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. Do not touch or walk through spilled material. Contain spillage, soak up with absorbent material such as sand, earth, vermiculite and transfer to a container for disposal according to local/state/federal regulations. Flush spill area with water.

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 - No smoking. Take measures to prevent the build up of electrostatic charge.

STORAGE: Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

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: 1.35
VISCOSITY: Not Available
MOLECULAR WEIGHT: Not Available
(VOC): 0 g/L

10. STABILITY AND REACTIVITY

STABLE: 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
DERMAL LD₅₀: Not yet determined for this product
ORAL LD₅₀: Not yet determined for this product
INHALATION LC₅₀: Not yet determined for this product
EYE EFFECTS: Causes serious eye damage.
SKIN EFFECTS: Causes severe skin burns.
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. Avoid littering. Do not contaminate soil, sewers and waterways. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation. Please take all the proper measures to reduce harmful effects on aquifers.

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

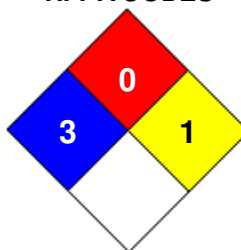
WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): Controlled Product

WHMIS CLASS: E

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

16. OTHER INFORMATION**REASON FOR ISSUE:** U.S. HazCom GHS Format**APPROVED BY:** Ross Balfour **TITLE:** Global Business Unit Manager**PREPARED BY:** SDS Regulatory Specialist**INFORMATION CONTACT:** Kathy Tylka**HMIS RATING**

HEALTH	<input type="checkbox"/>	3
FLAMMABILITY		0
PHYSICAL HAZARD		1
PERSONAL PROTECTION		C

NFPA CODES

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