MATERIAL SAFETY DATA SHEET

Date Prepared: 05/27/00 **INFOTRAC:** (800) 535-5053
By: IMAGE TECHNOLOGY

Section I_____General Information

Product: **Product Number**
EMULSION REMOVER POWDER SMP

Range: 0=Minimal
4=Severe

HEALTH
1

FIRE REACT
0 0

Manufacturer: **Chemical Family**
IMAGE TECHNOLOGY SALT OF PERIODATE
1380 N. KNOLLWOOD CIRCLE
ANAHEIM, CA 92801
(714) 252-0160

Special: Observe good industrial hygiene when handling

Section II_____Hazardous Ingredients

CHEMICAL: sodium metaperiodate
CASE Number 7790-28-5
Exposure Limits In Air: **ACGIH(TLV):** N/E ppm
OSHA(PEL): N/E ppm

Section III_____Health Hazard Data

Effects of Overexposure

Skin: Contact of this product upon the skin can cause irritation and/or tissue damage.

Eyes: Contact of this product upon the eyes can cause irritation and/or painful chemical burns of the eyes and eyelids.

Inhalation: Fumes from this product can cause irritation of the nose, nasal passages and lungs.

Ingestion: When concentrated solutions of this product are swallowed, it will cause chemical burns of the mucous membranes in the mouth, esophagus, stomach, and intestinal tract.

First Aid Procedures

Skin: Flush exposed area for 15 minutes with lukewarm water. Consult physician immediately.

Eyes: Flush eyes with cool water for 30 minutes. Consult physician immediately.

Inhalation: Remove patient to clean atmosphere and administer oxygen if it is available. Consult a physician immediately.

Ingestion: Do not induce vomiting. Have patient drink large amounts of water or milk. Consult a physician immediately.

Carcinogens

FED/OSHA: NTP: IARC: CAL/OSHA:

Section IV_____Spill, Leak, and Disposal Procedures

Spill Control

Small Spill: Flush area with water to an industrial sewer line.

Large Spill: Contain spill with dikes of absorbent materials such as clay, sand, or vermiculite. Collect material in a certified class one disposal facility.

Waste Disposal

All hazardous materials must be solidified and disposed of in an EPA approved class one facility. When disposing of chemicals, contact local, state, and federal environmental agencies to fully understand the necessary regulations governing the disposal of chemical wastes.

Section V_____Fire and Explosion Hazards

Flash Point: NONE
Method: Average
Flammable Limits in Air:
Lower: N/E **Upper:** N/E

Fire Extinguishing Materials: WATER, SAND, CO2, DRY FOAM, HALON

Special Fire Fighting Procedures: Self contained breathing apparatuses are recommended for fire fighters. This material readily ignites if near a high temperature source or open flame.

Unusual Fire & Explosion Hazards: If this material is exposed to direct flame, there is a possibility that a fire may occur. Great care should be taken when handling an oxidizer near fire or open flame. If the product is spilt on clothing, it should be washed off immediately.

Note: Under normal conditions hazardous polymerization will not occur.

Section VI_____Physical Data

Boiling Point: 279 F
Specific Gravity (water = 1): 0.97
Vapor Pressure: N/A
Percentage of Volatiles: NONE
Vapor Density: N/A
Evaporation Rate (water = 1): <.01
pH (concentrate): 2-3.4
pH (1% solution): 4-5
Solubility in Water: COMPLETE
Appearance and Order: POWDER

Section VII_____Special Protection Information

Respiratory Protection: Not required under NORMAL conditions of use.

Protective Gloves: To avoid possible defatting of the skin or tissue damage, it is recommended that rubber or plastic gloves be worn.

Eye Protection: When handling this product and there is the possibility of splashing it is recommended that proper protection for the eyes by worn. This consists of goggles and/or face shield.

Other Equipment: When handling chemicals in 55 gallon drums, it is recommended that steel toed rubber boots and a splash apron be worn.

Section VIII_____Special Precautions

*Chemicals can be hazardous if not respected. The use of proper equipment and procedures for handling chemicals are not only of benefit for their obvious uses, but can reduce the possibility of serious injury and time loss accidents.

*Keep this material away from high heat and observe proper house keeping procedures.

*DO NOT mix chemicals unless instructed by qualified personnel.

*This product is 100% biodegradable.

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Sources: 1) Dangerous Properties of Industrial Material: Sax, 6th Ed 2) Hand of Toxic Hazardous Chemicals and arcinogens: Sittig 2nd Ed 3) Condensed Chemical Dictionary: Hawley, Tenth Ed 4) TLV's and Biological Exposure Indices for 1985-86: ACBIH, 2nd Print 5) Director's List of Hazardous substances: State of Cal., 1st printing 6) Title 29 CFR parts 1900 to 1910, Revised as of July 1, 1984 7) Documentation of TLV's and EI's: ACBIH, 5th Ed 8) Guidelines for the selection of chemical Protective Clothing: ACBIH, 2nd printing 9) Emergency Response Guidebook: Department of Transportation, 1984 Ed