

# MATERIAL SAFETY DATA SHEET

## #1 NETWORK

## IMAGE RESTORER

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: Optima, LLC. Phone Number: 1-800-521-4042 Emergency Phone: 1-800-424-9300  
Product Name: **IMAGE RESTORER** Product Number: **23511**  
Prepared By: MSDS Author 3 Date Prepared: 09/18/2001

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS</u>	<u>OHSA PEL</u>	<u>ACGIH TLV</u>	<u>Weight %</u>
ALIPHATIC HYDROCARBONS	MIXTURE	N.E.	N.E.	10-15
PHOSPHORIC ACID	7664-38-2	1mg/m <sup>3</sup>	1mg/m <sup>3</sup>	5-10

### 3. HAZARDOUS IDENTIFICATION

#### POTENTIAL HEALTH EFFECTS

Eye Contact: May cause slight irritation on prolonged contact.

Inhalation: Excessive inhalation of vapors and/or spray mist can cause respiratory irritation and dizziness.

Ingestion: May cause gastrointestinal upset.

Skin Contact: Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Signs And Symptoms Of Exposure: Eye tearing and irritation. Prolonged skin contact may result in dermatitis.

### 4. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with water for at least 15 minutes. Get immediate medical attention.

Inhalation: Remove to fresh air.

Ingestion: If swallowed, DO NOT induce vomiting. Give large quantities of water. Call a physician or poison control center.

Skin Contact: Wash skin with plenty of water. Wash contaminated clothing before reuse. Get medical attention if irritation or allergic reaction develops.

Aggravated Medical Conditions: Skin contact may aggravate an existing dermatitis.

Supplemental Health Information: None of the components in this product is listed by IARC, NTP, or OSHA as carcinogen.

### 5. FIRE FIGHTING MEASURES

#### FLAMMABLE PROPERTIES

Flash Point: Nonflammable Flash Point Method: Not applicable Auto ignition: Not applicable

LEL: Not applicable UEL: Not applicable

Extinguishing Media: Any applicable to the primary cause of the fire.

Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.

Unusual Fire And Explosion Hazards: None known.

Combustion Products: Carbon dioxide, carbon monoxide,

### 6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Spilled Or Released: Review fire and explosion hazards and safety precautions before proceeding with cleanup. Use appropriate personal protective equipment. Avoid contact with skin

and eyes. Stop the spillage. Dike the spill. Prevent liquid from entering sewers, waterways or low areas. Absorb spillage in inert material. Soak up with sawdust, sand, or other absorbent material. Remove non-usable solid material and/or contaminated soil for disposal in an approved and permitted landfill. Discharge to sewer requires approval of permitting authority and may require pre-treatment. Contaminated surfaces should be cleaned using water. Call a spill response team if large spill, over 55 gallons.

## **7. HANDLING AND STORAGE**

Precautions To Be Taken In Handling And Storage: Store in a cool, dry, well ventilated area. Keep containers closed. Do not store with incompatible materials. Do not store or consume food, drink, or tobacco where they may become contaminated with this material.

Other Precautions: All labeled precautions must be observed when handling, storing and transporting empty containers due to product residues. Do not reuse containers. Triple rinse before disposal or recycling. vapors of this product are heavier than air and will collect in low places.

## **8. EXPOSURE CONTROL / PERSONAL PROTECTION**

### **PERSONAL PROTECTIVE EQUIPMENT**

Respiratory Protection: When this product is used in the intended way, no respiratory protection is anticipated to be necessary.

Ventilation: Good ventilation of 10 room volumes per hour. Ventilation rates should match conditions of use.

Protective Gloves: Latex, rubber, or neoprene waterproof gloves are recommended.

Eye Protection: Safety glasses with side shields (or goggles).

Other Protective Clothing or Equipment: Rubber or plastic apron.

Work/Hygienic Practices: Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet.

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Exposure Guidelines: See Section 2.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance And Odor: Viscous emulsion.

Boiling Point: N.E.

Melting Point: Not applicable

Vapor Density: Heavier Than Air

Molecular Weight: Not applicable

Vapor Pressure: N.E.

Freezing Point: N.E.

Percent Volatile: 74

Pounds Per Gallon: 9.42

Solubility In Water: Partial

Specific Gravity: 1.1

Evaporation Rate: N.E.

Ph: 1.5

Other Properties: VOC is 12.2%

## **10. STABILITY AND REACTIVITY**

Stability: Stable

Conditions To Avoid: Strong oxidizing agents.

Incompatibility: Strong oxidizing agents.

Hazardous Decomposition Or By Products: Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will Not Occur

Conditions To Avoid: High temperatures

## **11. TOXICOLOGICAL INFORMATION**

## **12. ECOLOGICAL INFORMATION**

## **13. DISPOSAL CONSIDERATIONS**

Discharge, treatment or disposal may be subject to Federal, State (provincial in Canada) or local laws.

## 14. TRANSPORT INFORMATION

DOT Class: CORROSIVE LIQUIDS, ACIDIC, INORGANIC, N.O.S. (Contains phosphoric acid)

Hazard Class: 8

UN No.: 3264

Packing Group: III

Guide No: 154

Ship Name: CORROSIVE LIQUIDS, ACIDIC, INORGANIC, N.O.S.

Limited Quantity Exception may apply to this product, for "inner packagings not over 4.0L (1 gal) for liquids and 5.0 kg (11 lb) for solids". 173.154 (b) (2). Each package must conform to the packaging requirements of Subpart B of Part 173 and may not exceed 30 kg (66 lb) gross weight. For further information consult the 49 CFR.

DOT Class: CONSUMER COMMODITY, ORM-D

Hazard Class: NOT APPLICABLE

UN No.: NOT APPLICABLE

Packing Group: NOT APPLICABLE

Guide No: NOT APPLICABLE

Ship Name: NOT APPLICABLE

## 15. REGULATORY INFORMATION

TSCA: All ingredients in this finished product are listed on the EPA TSCA INVENTORY.

SARA TITLE III: Phosphoric Acid is listed under Sara Title 313.

CALIF. PROP. 65: NONE

CARCINOGENICITY: NONE OF THE COMPONENTS IN THIS CHEMICAL IS LISTED BY IARC, NTP,  
OR OSHA AS A CARCINOGEN.

## 16. OTHER INFORMATION (HMIS)

Health: 2

Flammability: 0

Reactivity: 1

Protective: D

OTHER ADDITIONAL INFORMATION: The information and recommendations contained herein are based on data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein.