

MATERIAL SAFETY DATA SHEET

#1 NETWORK

AC 1261RB

COLDSET PRINTING FOUNTAIN SOLUTION

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: Optima, LLC Phone Number: 1-800-521-4042

Emergency Phone: 1-800-424-9300

Product Name: AC 1261 RB

Product Number: 23118

Prepared By: MSDS Author 3

Date Prepared: 04/09/2004

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS	OHSA PEL	ACGIH TLV	Weight %
GLYCERINE	56-81-5	N.E.	N.E.	10-15
TRI-SODIUM CITRATE	6132-04-3	N.E.	N.E.	5-10
PROPYLENE GLYCOL*	57-55-6	N.E.	N.E.	1-5
BIOCIDE	MIXTURE	N.E.	N.E.	< 1

*WEEL is 50 ppm TWA.

3. HAZARDOUS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Eye Contact: May cause severe 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). May cause allergic skin reactions

Signs And Symptoms Of Exposure: Eye irritation, respiratory irritation, dermatitis, abdominal pain, skin irritation, mucus membrane irritation, coughing, nausea, diarrhea.

4. FIRST AID MEASURES

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

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Get medical attention immediately.

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

Skin Contact: Wash skin with soap and water. Wash contaminated clothing before re-use. Do not take clothing home to be laundered. Discard contaminated leather clothing. Get medical attention if irritation or allergic reaction develops.

Aggravated Medical Conditions: Individuals who are under the care of a physician or have chronic ailments, should consult a physician before using this product.

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: Firefighters should use self-contained breathing apparatus and full protective clothing.

Unusual Fire And Explosion Hazards: Runoff from fire control or dilution water may cause pollution.

Combustion Products: Carbon dioxide and carbon monoxide and formaldehyde.

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. Dike the spill. Prevent liquid from entering sewers, waterways or low areas. 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.

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. Dispose of in a licensed facility. Recommended crushing or other means to prevent re-use.

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. If workplace conditions exceed the recommended limits, a NIOSH/MSHA- approved respirator should be worn based upon exposure levels in the workplace.

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

Protective Gloves: Impervious gloves are recommended.

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

Other Protective Clothing or Equipment: Apron suggested to prevent skin contact.

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: Clear to almost colorless solution.

Boiling Point: 100° C

Vapor Pressure: N.E.

Melting Point: Not applicable

Freezing Point: N.E.

Vapor Density: Same as water.

Percent Volatile: 76.89

Molecular Weight: Mixture

Pounds Per Gallon: 9.1

V.O.C. = 69.47 g/L, or 6.37%, or 0.58 lb/gal.

Solubility In Water: Complete

Specific Gravity: 1.09

Evaporation Rate: Same as water

Ph: 4.3

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions To Avoid: Excessive heat

Incompatibility: Oxidizing materials or reducing agents.

Hazardous Decomposition Or By Products: carbon dioxide, carbon monoxide, nitrogen oxides, hydrogen chloride, sulfur dioxide, and formaldehyde.

Hazardous Polymerization: Will Not Occur

11. TOXICOLOGICAL INFORMATION

12. ECOLOGICAL INFORMATION

Product contains components toxic to fish and wildlife. Avoid contamination of streams and sewers.

13. DISPOSAL CONSIDERATIONS

The preferred options for disposal are to send to licensed reclaimers, or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local regulations. Consult state or local regulatory authorities before flushing to sewer with large amounts of water. This product is not a RCRA hazardous waste by definition.

14. TRANSPORT INFORMATION

DOT Class: NOT REGULATED

Hazard Class: NONE

UN No.: NOT APPLICABLE

Packing Group:

Guide No:

Ship Name: NOT REGULATED

15. REGULATORY INFORMATION

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

SARA TITLE III: NONE

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: 1

Flammability: 0

Reactivity: 0

Protective: B

OTHER ADDITIONAL INFORMATION: The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for the injuries from the use of the product described herein.