

MATERIAL SAFETY DATA SHEET

1 NETWORK

NEUTRAL FOUNT 1055

FOUNTAIN SOLUTION CONCENTRATE

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: Optima, LLC Phone Number: 1-800-521-4042
Product Name: **NEUTRAL FOUNT 1055**
Prepared By: MSDS Author 3

Emergency Phone: 1-800-424-9300
Product Number: **23859**
Date Prepared: 10/28/2003

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS	OHSA PEL	ACGIH TLV	Weight %
ETHYLENE GLYCOL	107-21-1	125 mg/m ³	127 mg/m ³	5-15
SODIUM NITRATE	7631-99-4	N.E.	N.E.	5-10

3. HAZARDOUS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Eye Contact: No specific hazard known. May cause temporary irritation.
Inhalation: Low hazard for recommended handling. Can cause mild irritation.
Ingestion: Low hazard for recommended handling. May cause mild irritation to mucus membrane.
Skin Contact: Low hazard for recommended handling. Can cause skin irritation,
Signs And Symptoms Of Exposure: Eye irritation, skin irritation, respiratory irritation.

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. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Ingestion: Induce vomiting. Get medical attention immediately.
Skin Contact: Wash skin with plenty of soap and water. Wash contaminated clothing before re-use.
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: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Fire or excessive heat may produce hazardous decomposition products.
Unusual Fire And Explosion Hazards: None.
Combustion Products: Carbon dioxide, carbon monoxide, oxides of nitrogen.

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.

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. Triple rinse before disposal.

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. A respirator should be worn if hazardous decomposition products are likely to be or have been released. Respirator type: Acid gas.

Ventilation: Good ventilation of 10 room volumes per hour. Ventilation must be adequate to keep hazardous ingredients below their exposure limits.

Protective Gloves: Rubber or neoprene waterproof gloves are recommended.

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

Other Protective Clothing or Equipment: Protective clothing suitable for the exposure risk should be worn.

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 liquid with slight butyl odor.

Boiling Point: N.E.

Melting Point: Not applicable

Vapor Density: N.E.

Molecular Weight: Not applicable

VOC is 155.0 g/L or 13.48 % or 1.29 lb. /gal.

Vapor Pressure: N.E.

Freezing Point: -5° C

Percent Volatile: 58.88

Pounds Per Gallon: 9.6

Solubility In Water: Complete

Specific Gravity: 1.15

Evaporation Rate: N.E.

Ph: 5.68

Other Properties:

WORKING SOLUTION

Specific Gravity: 1.08

Pounds Per Gallon: 9.0

Percent Volatile: 77.84

VOC is 155.0 g/L or 13.48 % or 1.29 lb. /gal.

Ph: 5.8

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions To Avoid: None

Incompatibility: None

Hazardous Decomposition Or By Products: None
Hazardous Polymerization: Will Not Occur
Conditions To Avoid: None

11. TOXICOLOGICAL INFORMATION

12. ECOLOGICAL INFORMATION

Do not release into the environment.

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. Do not dump into sewers, ground, or any body of water.

14. TRANSPORT INFORMATION

Ship Name: NOT REGULATED
Hazard Class: NONE
UN No.: NOT APPLICABLE
Packing Group:
Guide No:

15. REGULATORY INFORMATION

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

SARA TITLE III: Sodium Nitrate is listed under 313 as Nitrate Compounds, Water Dissociable. Glycol ethers are listed under Sara Title 313.

CALIF. PROP. 65: Product has components whose mixtures contain trace amounts of Acetaldehyde (75-07-0), and 1, 4-Dioxane (123-91-1). The State of California's Safe Drinking Water and Toxic Enforcement Act of 1986, or Proposition 65 requires the following information. This regulation does not address di minimus levels; therefore, even trace amounts of the chemicals included on Proposition 65's list of chemicals known to the State of California to cause cancer or reproductive toxicity must be noted with the "Safe Harbor" wording. **WARNING: This product contains trace levels of ACETALDEHYDE, and 1, 4-DIOXANE. – known to the State of California to cause cancer, birth defects or other reproductive harm.**

CARCINOGENICITY: NONE OF THE COMPONENTS IN THIS CHEMICAL IS PRESENT AT LEVELS REQUIRING LISTING BY IARC, NTP, OR OSHA AS A CARCINOGEN.

16. OTHER INFORMATION (HMIS)

Health: 2
Flammability: 0
Reactivity: 0
Protective: C

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.