

MATERIAL SAFETY DATA SHEET

MASTERMEG ACTIVATOR

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: Synergy Graphics Phone Number: 1-800-521-4042 Emergency Phone: 1-800-424-9300
Product Name: **MASTERMEG ACTIVATOR** Product Number: **616010**
Prepared By: MSDS Author 3 Date Prepared: 05/22/2002
Synonyms:

2. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS | OHSA PEL | ACGIH TLV | Weight % |
|--------------------|-----------|--------------------|---------------------|----------|
| SODIUM HYDROXIDE | 1310-73-2 | 2mg/m ³ | 2 mg/m ³ | 5-10 |
| SODIUM SULFITE | 7757-83-7 | N.E. | N.E. | 5-10 |
| SODIUM THIOCYANATE | 540-72-7 | N.E. | N.E. | 1-5 |

3. HAZARDOUS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Eye Contact: Corrosive to eyes. May cause irritation or permanent damage to tissue.

Inhalation: Expected to be a low hazard for usual industrial or commercial handling by trained personnel. Inhalation of the mist could cause respiratory irritation. If heated, or in contact with strong acids, sulfites may liberate sulfur dioxide gas.

Ingestion: May be harmful if swallowed. Alkaline nature of solution may cause irritation or corrosion to digestive track, including perforation of mucous membranes of the mouth, throat, esophagus, and stomach.

Skin Contact: Substance is corrosive.

Signs And Symptoms Of Exposure: Eye pain, respiratory irritation, difficulty breathing, abdominal pain, skin blistering, mucus membrane irritation, coughing.

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

Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists.

Aggravated Medical Conditions: Individuals who are under the care of a physician or have chronic ailments, should consult a physician before using this product. Some asthmatics or sulfite-sensitive persons may experience wheezing, chest tightness, stomach upset, hives, faintness, weakness, and diarrhea.

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.

Unusual Fire And Explosion Hazards: None known.

Combustion Products: Carbon dioxide and carbon monoxide and oxides of sulfur.

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 pretreatment.

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: Avoid inhalation of the product vapors. Containers, even if empty may contain product residues of vapors and precautions should be observed.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: None should be needed. A respirator should be worn if hazardous decomposition products are likely to be or have been released. Respirator type: Acid gas.

Ventilation: Avoid breathing vapors or mist. Local exhaust ventilation (typically 10 air changes per hour) is recommended. Ventilation must be adequate to keep hazardous ingredients below their exposure limits.

Protective Gloves: Impervious gloves are recommended.

Eye Protection: Chemical 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: See Section 2.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance And Odor: Clear, slightly yellow, mild odor.

Boiling Point: >100° C

Specific Gravity: 1.12

Evaporation Rate: N.E.

Molecular Weight: Not applicable

Vapor Pressure: N.E.

Melting Point: Not applicable

Vapor Density: N.E.

Pounds Per Gallon: 9.35

Solubility In Water: Complete

Ph: 13.37

Freezing Point: N.E.

Percent Volatile: 84.68

Other Properties: V.O.C. = 0

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions To Avoid: High temperatures.

Incompatibility: Strong Acids.

Hazardous Decomposition Or By Products: May produce oxides of sulfur under acid condition (pH< 4)

Hazardous Polymerization: Will Not Occur

Conditions To Avoid: None

11. TOXICOLOGICAL INFORMATION

12. ECOLOGICAL INFORMATION

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: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Contains Sodium Hydroxide)

Hazard Class: 8

UN No: 3266

Packing Group: II

Guide No: 153

15. REGULATORY INFORMATION

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

SARA TITLE III: NONE

CALIF. PROP. 65: Product contains a mixture which includes trace amounts of Trisodium NTA. 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 de 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 Trisodium NTA – known to the State of California to cause cancer, birth defects or other reproductive harm.

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

16. OTHER INFORMATION (HMIS)

Health: 3

Flammability: 0

Reactivity: 0

Protective: C

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.