

Material Safety Data SheetQuick Identifier:
Citri-Brite**Section 1**Metro-Chem, Inc.
24 Pennsylvania Avenue
Post Office Box 401
Kearny, NJ 07032Emergency Phone No. 800-424-9300
Other Information 973-589-2800
Date Prepared: February 05, 2004
Last Revision: August 05, 2004**Section 2 Hazardous Ingredients\identity**HAZARDOUS COMPONENT: CHEMICAL/COMMON NAME: Alkylphenol Ethoxylate
OSHA PEL: n/a ACGIH TLV: n/a OTHER EXPOSURE LIMITS: n/a CAS NO. 9016-45-9HAZARDOUS COMPONENT: CHEMICAL/COMMON NAME: Disodium Trioxosilicate, Anhydrous
OSHA PEL: n/a ACGIH TLV: n/a OTHER EXPOSURE LIMITS: n/a CAS NO. 6834-92-0HAZARDOUS COMPONENT: CHEMICAL/COMMON NAME: Sodium Percarbonate
OSHA PEL: none ACGIH TLV: none OTHER EXPOSURE LIMITS: none CAS NO. 15630-89-4DOT SHIPPING INFORMATION: *Corrosive solid, Basic, Inorganic, N.O.S., (Disodium Trioxosilicate, Anhydrous), 8, UN3262, PG II***Section 3 Physical & Chemical Characteristics**

BOILING POINT: n/a SPECIFIC GRAVITY (H2O=1): 33#.cu,ft VAPOR PRESSURE (mm Hg): n/a

VAPOR DENSITY (Air=1): n/a SOLUBILITY IN WATER: complete REACTIVITY IN WATER: n/a

APPEARANCE AND ODOR: off white powder, citrus scent MELTING POINT: n/a

Section 4 Fire and Explosion Hazard Data

FLASH POINT: n/a METHOD USED: n/a

FLAMMABLE LIMITS IN AIR % BY VOLUME: LEL LOWER: n/a UEL UPPER: n/a

AUTO-IGNITION TEMPERATURE: n/a

EXTINGUISHER MEDIA: non-flammable mixture: water spray, carbon dioxide, other suffocating agents

SPECIAL FIRE FIGHTING PROCEDURES: standard fire fighting techniques.

UNUSUAL FIRE AND EXPLOSION HAZARDS: There is a possibility of wet mixture forming hydrogen when in contact with aluminum and/or zinc.

Section 5 Physical Hazards (reactivity data)

STABILITY: Normally stable CONDITIONS TO AVOID: Moist hot atmospheres.

INCOMPATIBILITY (MATERIALS TO AVOID): Prolonged contact with zinc or aluminum when wet.

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen due to its flammability.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Constant contact with zinc or aluminum.

Section 6 Health Hazards

1. ACUTE (Immediate): Acute hazard to eyes.
2. CHRONIC (Delayed Effect): May cause primary irritant dermatitis.

SIGNS AND SYMPTOMS OF EXPOSURE: Skin irritation.

MEDICAL CONDITIONS GENERALLY ACCRAVATED BY EXPOSURE: Over exposure may cause damage to respiratory tract.

CHEMICAL LISTED AS CARCNOGEN OR POTENTIAL CARCINOGEN:

NATIONAL TOXICOLOGY PROGRAM: No I.A.R.C. MONOGRAPHS: No OSHA: No

EMERGENCY AND FIRST AID PROCEDURES

ROUTES OF ENTRY

INHALATION: Harmful if inhaled. Leave area of exposure. Breathe fresh air. If discomfort persists, obtain medical attention.

EYES: Flush with large amounts of water for at least 15 minutes. Seek medical attention.

SKIN: Wash large amounts of water. If irritation occurs and persists, obtain medical attention

INGESTION: Do not induce vomiting. Drink large amounts of milk if available or water to dilute. Seek medical attention.

Section 7 Precautions and Spill\Leak Procedures

PRECAUTIONS TO BE TAKEN IN HANDLNG AND STORAGE: Store in cool, dry area. Wear adequate personal protection.

OTHER PRECAUTIONS: None

STEPS TO BE TAKEN IN CASE MATERAL IS RELEASED OR SPILLED: Sweep up as much as possible and place in a labeled closed container.

WASTE DISPOSAL METHODS (Consult federal, state, and local regulations): If non reusable, remove to an approved chemical waste disposal area. Comply with local, state, and federal regulations for disposal. People performing this work should wear adequate personal protective equipment and clothing.

Section 8 Special Protection Information\Control Measures

RESPIRATORY PROTECTION (Specify Type): Not normally needed. In cases where large quantities are handled, and dusts are generated, NIOSH approved respirators are recommended.

VENTILATION: LOCAL EXHAUST: Adequate exhaust MECHANICAL: n/a SPECIAL: n/a OTHER: n/a

PROTECTION GLOVES: Rubber or chemical resistant required.

EYE PROTECTION: Safety goggles, or glasses, or face shield required.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Chemical resistant shoes and/or apron recommended.

WORK/HYGIENIC PRACTICES: Eyewash station and safety showers should be handy.

We believe the information contained herein is true; however, no warranties, expressed or implied, are made or intended herein with respect to such information.