

MATERIAL SAFETY DATA SHEET
ES 90
SECTION I – PRODUCT IDENTIFICATION

ORGANIC COMPOUNDS, INC.

1265 W. 16th Street
Long Beach CA 90813

General or Generic Identification: Mixture
DOT Hazard Class: Not Applicable

Reviewed: 01/01/03
Telephone: 562 437 6334

SECTION II – COMPONENTS

Potassium Hydroxide CAS# 1310-58-3

NFPA: 49
OSHA PEL: None
ACGIH TLV: 2
OTHER: 2
HAZARD: CORROSIVE: TOXIC
STATE OF CALIFORNIA WARNING: TOXIC

SECTION III – PHYSICAL DATA

Vapor Density (Air=1): Not Tested
Specific Gravity (Water=1): Not Tested
Solubility in Water: 100%
Vapor Pressure, mmHg at 20^oC: Not Tested
Boiling Point, F^o: Not Tested
Melting Point, F^o: Not Tested
Evaporation Rate (Butyl Acetate=1): Since in an aqueous solution, similar to water.
Appearance and Odor: Almost colorless with a mild ALKALI odor.
Percent Volatile: Not Applicable

SECTION IV – FIRE AND EXPLOSION DATA

NFPA DESIGNATION:

Health: 1 (Slight)
Fire: 0 (Insignificant)
Reactivity: 0 (Insignificant)

This product is nonflammable; therefore, Flash Point, Autoignition, Temperature Explosion Limits and Hazardous Decomposition products are Not Applicable.

FIRE EXTINGUISHING MATERIALS: Extinguishing agent for material that is burning.

There are NO SPECIAL FIRE FIGHTING PROCEDURES or UNUSUAL FIRE AND EXPLOSION HAZARDS.

SECTION V – HEALTH HAZARD DATA

PRIMARY ROUTE OF EXPOSURE: Skin and Eye Contact
PERMISSIBLE EXPOSURE LIMITS AND THRESHOLD LIMITS VALUES: None established for this product.
SYMPTOMS OF OVEREXPOSURE: INHALATION: Irritant
SKIN CONTACT: Possible Irritant
EYE CONTACT: Irritant
INGESTION: Gastrointestinal Irritant
Possible Burns

ACUTE/CHRONIC EXPOSURE can produce varying degrees of possible irritation of the eyes and drying of the skin. Ingestion will result in gastrointestinal irritation and possible burns of mouth, throat, esophagus and stomach.

FIRST AID MEASURES

INHALATION: Remove from exposure. If symptoms persist, contact medical personnel.
SKIN: Wash with soap and water. If symptoms persist, contact medical personnel.
EYES: Flush with water immediately, holding eyelids apart to ensure thorough rinsing. If symptoms persist, contact medical personnel.
INGESTION: DO NOT INDUCE VOMITING. Dilute with quantities of water or milk. If vomiting occurs spontaneously, keep airway clear. Contact medical personnel. Immediately.

TOXICITY DATA: CARCINOGENICITY: This material is not considered to be a carcinogen by the National Toxicology Program, the International Agency for Research on Cancer, or the Occupational Safety and Health Administration.

WARNING This product contains detectable amounts of a chemical known to the State of California to cause cancer/birth defects or other reproductive harm.

SECTION VI – REACTIVITY DATA

STABILITY: Stable

POLYMERIZATION: Will not occur

There are no currently known Conditions to Avoid or Materials to Avoid and No Hazardous Decomposition Products.

SECTION VII – SPILL, LEAK AND DISPOSAL PROCEDURES

Comply with all applicable governmental regulations on spill reporting, handling and disposal of waste.

SPILL AND WASTE DISPOSAL PROCEDURES: Disperse with water.

SECTION VIII – PROTECTIVE EQUIPMENT TO BE USED

Suitable protective clothing, gloves and footwear should be selected with regard for use, conditions and exposure potential. Have access to water. Follow good industrial hygiene and safety practices as with any industrial chemical.

EYE PROTECTION: Chemical goggles good practice if splashing conditions exists.

GLOVES: If contact is prolonged, plastic gloves recommended.

VENTILATION: No special precautions under normal use. Local exhaust capable of minimizing dust/vapor/mist emissions at point of use below the lowest TLV/PEL.

RESPIRATORY: If use conditions generate vapors/mist/dust, wear a NIOSH approved respirator appropriate for those emission levels.

OTHER CLOTHING AND EQUIPMENT: None likely to be needed.

SECTION IX – SPECIAL PRECAUTIONS OR OTHER COMMENTS

STORAGE AND HANDLING PRECAUTIONS: Keep container closed when not in use. Wash thoroughly after handling.

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