



# SAFETY DATA SHEET

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Date Revised: 11/4/11

Date Printed: 4/1/15

## PRIMARY ROUTES OF EXPOSURE:

Skin contact, eye contact, and inhalation.

## EFFECTS OF ACUTE EXPOSURE:

**EYES:** Contact with eyes may cause irritation including burning, watering, and redness.

**SKIN:** May cause irritation with redness and pain, and skin sensitization in some individuals. **INHALATION:** Decomposition products are toxic and inhalation of these products can produce life threatening effects.

**INGESTION:** Poison by ingestion. May cause human systemic effects by ingestion: hallucinations, distorted perceptions, nausea or vomiting, and kidney, ureter or bladder changes.

## CHRONIC HEALTH EFFECTS:

No anticipated chronic effects. MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

No known effects on other illnesses.

## SECTION 4 - FIRST AID MEASURES

**EYES:** Flush with large amounts of water for 15 minutes, lifting upper and lower eyelids. If irritation persists seek medical attention.

**SKIN CONTACT:** Wash contaminated area with soap and water. Remove and launder contaminated clothing.

**INGESTION:** If a large amount is ingested, give water or milk and induce vomiting. Seek medical attention.

**INHALATION:** Remove victim to fresh air and provide oxygen if breathing is difficult. If breathing has stopped administer artificial respiration. Seek medical attention if condition persists.

## SECTION 5 - FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** No flash

**METHOD USED:** n/a

**FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER:** n/a

**UPPER:** n/a

### EXTINGUISHING MEDIA:

Foam, CO<sub>2</sub>, or dry chemical is recommended. Water spray is recommended to cool or protect exposed materials or structures.

## SPECIAL FIREFIGHTING PROCEDURES:

Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment. Isolate danger area, keep unauthorized personnel out.

## UNUSUAL FIRE AND EXPLOSION HAZARDS:

Fire hazard increases when material becomes dry. Container explosion may occur under fire conditions or when heated. May be shock-sensitive. Self ignition is possible. May accelerate combustion.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Spilled material not immediately cleaned up may increase fire hazard due to water evaporation. Transfer material into a clean DOT approved container for proper disposal. Spilled material not immediately cleaned up should be wetted with water prior to transfer to disposal container. Dike to prevent runoff from entering drains, sewers, streams, etc. Wear necessary personal protection equipment.

## SECTION 7 - HANDLING AND STORAGE

### HANDLING INFORMATION:

Employees who come in contact with this material must be trained in accordance to 1910.1200 of the Hazard Communication Standard. Wear chemical resistant gloves and protective clothing to minimize contact. The use of respiratory protection is advised when spraying because of mist and dust overspray.

### STORAGE INFORMATION:

Store in a cool, well-ventilated and fire-resistant location. Shield containers from direct sunlight and maintain their temperature below 38°C (100°F). DO NOT STORE WITH FOOD OR DRINK.

### OTHER PRECAUTIONS:

All empty containers should be disposed of in an environmentally safe manner in accordance with all governmental regulations.

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

### RESPIRATORY PROTECTION:

No special requirements under normal use conditions. In confined areas, or areas with poor ventilation, engineering controls should be used to minimize exposure. Use NIOSH/MSHA approved respirator if conditions warrant.

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## VENTILATION:

General room ventilation is adequate.

## PROTECTIVE GLOVES:

Prevent prolonged or repeated contact by wearing chemical resistant gloves and other appropriate protective clothing. Launder contaminated clothing before reuse.

## EYE PROTECTION:

Wear safety glasses to reduce eye contact potential. Chemical safety goggles (ANSI Z87.1 or approved equivalent) are appropriate if splashing is likely. Eye washes must be available where eye contact can occur.

## OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A source of clean water should be available for flushing eyes and skin. Showers should be available if larger spills are possible.

## WORK/HYGIENIC PRACTICES:

Efforts should be made to minimize contact and spills. Always wash hands before eating, drinking, or smoking. Clean up spills promptly. Follow OSHA and company guidelines.

## ===== SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES =====

PHYSICAL STATE: Solid (powder)

COLOR: White

ODOR: Odorless.

SOLUBILITY IN WATER: Insoluble/Negligible

SPECIFIC GRAVITY (H2O=1): 1.24

VAPOR DENSITY: n/a

BOILING RANGE: n/a

EVAPORATION RATE: n/a

COATING V.O.C.: 0 g/l (0.0 lb/gal )

## ===== SECTION 10 - STABILITY AND REACTIVITY DATA =====

### STABILITY:

Stable under normal conditions and handling.

### CONDITIONS TO AVOID:

Contamination, water loss (drying), direct sunlight, open flame. Prolonged storage above 38°C (100°F). Storage near flammable or combustible materials.

### INCOMPATIBILITY (MATERIALS TO AVOID):

### HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Dense white smoke of benzoic acid, phenyl benzoate, terphenyls, biphenyls, benzene and carbon dioxide. Decomposition products may be flammable.

### HAZARDOUS POLYMERIZATION:

Will not occur.

## ===== SECTION 11 - TOXICOLOGICAL INFORMATION =====

### SENSITIZATION:

None known.

### CARCINOGENICITY:

There is no data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.

### REPRODUCTIVE TOXICITY:

There is no data available to indicate any components present at greater than 0.1% may present reproductive toxicity.

### TERATOGENICITY (BIRTH DEFECTS):

There is no data available to indicate any components present at greater than 0.1% may cause birth defects.

### MUTAGENICITY:

There is no data to indicate that any component present at greater than 0.1% will alter DNA.

## ===== SECTION 12 - ECOLOGICAL INFORMATION =====

### ENVIRONMENTAL DATA:

Although no information is available for this specific product mixture, individual components may by themselves may have ecological affects.

## ===== SECTION 13 - DISPOSAL CONSIDERATIONS =====

This product is considered a RCRA hazardous waste due to the characteristic(s) of D001 (ignitability). Waste is subject to the land disposal restrictions in 40 CFR 268.40 and may require treatment standards. Consult state and local regulations to determine whether they are more stringent than the federal requirements.

Container contents should be completely used and containers empty prior to discarding. Container rinsate could be considered a RCRA hazardous waste and must be discarded in compliance with all applicable regulations. Larger empty containers, such as drums, should be returned to a professional drum reconditioner. To assure proper disposal of

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smaller empty containers, consult with state and local regulations and disposal authorities.

## SECTION 14 - TRANSPORT INFORMATION

### SHIPPING NAME:

UN3104, Organic Peroxide Type C, Solid (Dibenzol Peroxide, <77%), 5.2, II.

## SECTION 15 - REGULATORY INFORMATION

All ingredients of this product are listed, or are excluded from listing, on the US Toxic Substances Control Act (TSCA) chemical substance inventory.

This product does contain a chemical(s) subject to the reporting requirements of SARA Title III, Section 313 (40CFR 372). See section 2.

### STATE SPECIFIC REQUIREMENTS:

This product does not contain a chemical known to the state of California to cause cancer, birth defects or reproductive harm, subject to the requirements of California Proposition 65.

STATE LISTED COMPONENTS	CAS NUMBER	STATE CODE	.
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## SECTION 16 - OTHER INFORMATION

REVISION DATE: 11/04/11

HMIS CODES: H	F	R	P
1	2	2	F