



## FIREFIGHTING MEASURES

**FLASH POINT:** 57 °C CLOSED CUP

**UPPER EXPLOSION LEVEL:** N/A

**LOWER EXPLOSION LEVEL:** N/A

**EXTINGUISHING MATERIAL:** CO<sub>2</sub>, DRY POWDER OR FOAM TYPE EXTINGUISHERS

**SPECIAL FIRE FIGHTING PROCEDURES:** WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

## HAZARDOUS MATERIAL INFORMATION SYSTEM

**HEALTH:** 1

**FLAMMABILITY:** 2

**REACTIVITY:** 0

**PERSONAL PROTECTION:** B

## ACCIDENTAL RELEASE MEASURES

PROCEDURE: REMOVE ANY SOURCE OF FLAME OR SPARKS. IF IN A CONFINED AREA NIOSH APPROVED RESPIRATORY PROTECTION MAY BE REQUIRED. REMOVE INDIVIDUALS FROM THE AREA IF THEY DO NOT HAVE RESPIRATORY/DUST PROTECTION. SPRAY MATERIAL WITH WATER TO PREVENT DUSTING AND REMOVE TO AN APPROVED DISPOSAL CONTAINER. FOLLOW FEDERAL, STATE AND LOCAL PROCEDURES FOR CLEANING UP OF POWDER. DISPOSE OF IN ACCORDANCE WITH CURRENT LAWS AND REGULATIONS.

## PRECAUTIONS FOR SAFE HANDLING AND USE

HANDLE ACCORDING TO GOOD SAFETY PROCEDURES, AVOIDING UNNECESSARY EXPOSURE BY WEARING APPROPRIATE PROTECTIVE GEAR FOR THE SITUATION. STORE IN FULL CLOSED CONTAINERS IN A COOL DRY AREA AWAY FROM HEAT, LIGHT AND SOURCES OF IGNITION.

## EXPOSURE CONTROL / PPE

**EYES:** MAY BE IRRITATING

**SKIN:** MAY BE IRRITATING

**RESPIRATORY:** RESPIRATORY PROTECTION IS NORMALLY NOT REQUIRED IN WELL VENTILATED AREAS. HOWEVER, APPROVED RESPIRATORY PROTECTION MAY BE REQUIRED WHEN THE MATERIAL IS RATED TOXIC BY INHALATION OR IF THE MATERIAL IS TO BE USED IN A CONFINED AREA.

**OSHA PERMISSIBLE EXPOSURE LIMIT (PEL):** N/F

**OSHA THRESHOLD LIMIT VALUE (TLV):** N/F

## PHYSICAL & CHEMICAL PROPERTIES

**APPEARANCE:** PALE YELLOW

**ODOR:** CHARACTERISTIC, MATCHING RETAINER SAMPLE

**REFRACTIVE INDEX:** 1.4590

**SPECIFIC GRAVITY:** 0.8870

**SOLUBILITY:** INSOLUBLE

## REACTIVITY DATA

<b>CHEMICAL STABILITY:</b>	Y
<b>SUBSTANCES TO BE AVOIDED:</b>	STRONG OXIDIZING AGENTS, STRONG REDUCING AGENTS
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	CARBON MONOXIDE, CARBON DIOXIDE
<b>EPA TSCA:</b>	<b>CAL PROP 65:</b>

## DISPOSAL CONSIDERATIONS

TREATMENT, STORAGE, TRANSPORTATION AND DISPOSAL MUST BE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

## ADDITIONAL INFORMATION

### INTERNATIONAL REGULATIONS

#### RISK PHRASES:

FLAMMABLE; IRRITATING TO SKIN; MAY CAUSE SENSITIZATION BY SKIN CONTACT; VERY TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT

#### SAFETY PHRASES:

KEEP LOCKED UP AND OUT OF REACH OF CHILDREN; AVOID CONTACT WITH SKIN, WEAR SUITABLE GLOVES; THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF AS HAZARDOUS WASTE; AVOID RELEASE TO THE ENVIRONMENT.

The information contained in this Material Safety Data Sheet was obtained from current and reputable sources. However this data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense resulting from improper use of this product. Many federal and state regulations pertain directly or indirectly to the product's end use and disposal of containers and unused material. It is the purchaser's responsibility to familiarize themselves with all applicable regulations.

**DATE:** 8/2/11