

# Safety Data Sheet

Revision: 04/23/2014

Hazard information is provided for compliance with both the Globally Harmonized System of Classification and Labeling of Chemicals (GHS) and the UK Chemicals (Hazard Information and Packaging) (CHIP) Regulations

## IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

**PRODUCT NAME:**  
PMAL-C8

**PRODUCT CODE:**  
P5008

### **SUPPLIER:**

Anatrace Products, LLC. 434 West Dussel Drive, Maumee, OH 43537 Phone: (419) 740-6600  
Please visit our website at for contact information on Anatrace product distributors within your area.

### **Emergency Contact:**

Chemtrec (800) 424-9300  
Outside USA & Canada (703) 527- 3887  
Chemtrec ID# 696910

## HAZARDS IDENTIFICATION

### **GHS**

### **LABEL ELEMENTS**

#### **Hazard statements**

H303: May be harmful if swallowed  
H313: May be harmful in contact with skin  
H333: May be harmful if inhaled  
H315: Causes skin irritation  
H320: Causes eye irritation

#### **Precautionary statements**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P280 Wear protective gloves.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P304 + P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P342+ P311 If experiencing respiratory symptoms: call a POISON CENTER or doctor/physician.  
P501 Dispose of contents/containers to an approved disposal plant.

### **CHIP**

#### **R & S phrases**

R:36/37/38 Irritating to eyes, respiratory system and skin.  
S:22 Do not breathe dust.  
S:24 Avoid contact with skin.  
S:36/37 Wear suitable protective clothing and gloves

## COMPOSITION/INFORMATION ON INGREDIENTS

**HAZARD**  
PMAL-C8

**CAS NO.**  
869856-84-8

**EC NO:**  
NA

**%WT**  
~100%

### **SYNONYMS**

Poly (maleic anhydride-alt-1-decene)  
substituted with 3-(Dimethylamino) propylamine

## FIRST-AID MEASURES

### **IN CASE OF CONTACT:**

IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES.

### **IN CASE OF CONTACT:**

IMMEDIATELY WASH SKIN WITH SOAP AND COPIOU AMOUNTS OF WATER.

### **IF INHALED:**

REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

### **IF SWALLOWED:**

WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN.

WASH CONTAMINATED CLOTHING BEFORE REUSE.

## FIRE-FIGHTING INFORMATION

### **EXTINGUISHING MEDIA:**

WATER SPRAY. CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

### **SPECIAL FIREFIGHTING PROCEDURES:**

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

### **UNUSUAL FIRE AND EXPLOSIONS HAZARDS:**

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

THIS MATERIAL, LIKE MOST MATERIALS IN POWDER FORM, IS CAPABLE OF CREATING A DUST EXPLOSION.

**ACCIDENTAL RELEASE MEASURES**

WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY RUBBER GLOVES. SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

**HANDLING AND STORAGE**

REFER TO "PERSONAL PROTECTION" SECTION.

**PERSONAL PROTECTION**

CHEMICAL SAFETY GOGGLES.  
COMPATIBLE CHEMICAL-RESISTANT GLOVES. NIOSH/MSHA-APPROVED RESPIRATOR.  
SAFETY SHOWER AND EYE BATH. MECHANICAL EXHAUST REQUIRED. DO NOT BREATHE DUST.  
AVOID CONTACT WITH EYES, SKIN AND CLOTHING. WASH THOROUGHLY AFTER HANDLING.  
IRRITANT.  
KEEP TIGHTLY CLOSED.  
STORE IN A COOL DRY PLACE.

**PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Solid  
Vapor Pressure: No data available  
Solubility (Water): Soluble  
Percent Volatile: No data available  
Chemical Formula: (C<sub>19</sub>H<sub>36</sub>O<sub>3</sub>N<sub>2</sub>)<sub>n</sub>

Boiling Point: No data available  
Vapor Density: No data available  
Specific Gravity: No data available  
Evaporation Rate: No data available  
Melting Point: No data available

**STABILITY AND REACTIVITY**

**STABILITY:**

STABLE.

**CONDITIONS TO AVOID:**

HEAT

**INCOMPATIBILITIES:**

STRONG BASES; STRONG OXIDIZING AGENTS HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

**TOXIC FUMES OF:**

CARBON MONOXIDE, CARBON DIOXIDE HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

**TOXOLOGICAL INFORMATION**

**ACUTE EFFECTS:**

MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION. CAUSES EYE AND SKIN IRRITATION. MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT. EXPOSURE CAN CAUSE: GASTROINTESTINAL DISTURBANCES

**ECOLOGICAL INFORMATION**

No data available.

**DISPOSAL CONSIDERATIONS**

DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER.

**TRANSPORTATION INFORMATION**

OBSERVE ALL FEDERAL, STATE AND LOCAL REGULATIONS.

**REGULATORY INFORMATION**

OBSERVE ALL FEDERAL, STATE AND LOCAL REGULATIONS.

This data sheet is based upon information believed to be reliable. The Company makes no statement or warranty as to the accuracy or completeness of the information contained herein which is offered for your consideration, investigation and verification. Any use of the information contained in this data sheet must be determined by the user to be in accordance with appropriate applicable regulations.