

## SAFETY DATA SHEET

**PACER**  
**TECHNOLOGY**  
 INDUSTRIAL • PRIVATE LABEL



Date Prepared : 11/4/2014

MSDS No :

Date-Revised : 1/28/2015

Revision No : 3

## 1. PRODUCT AND COMPANY IDENTIFICATION

## PRODUCT DESCRIPTION:

## MANUFACTURER

Pacer Technology  
 3281 E. Guasti Rd., Suite 260  
 Ontario, CA 91761

Emergency Contact: CHEMTREC

Emergency Phone: 800-424-9300

Alternate Emergency Phone: 703-527-3887

Product Stewardship: 909-987-0550

## 2. HAZARDS IDENTIFICATION

## GHS CLASSIFICATIONS

## Health:

Acute Toxicity (Inhalation), Category 4  
 Skin Irritation, Category 2  
 Eye Irritation, Category 2  
 Target Organ Toxicity (Single exposure), Category 3

## GHS LABEL ELEMENTS



Exclamation  
 mark

SIGNAL WORD: WARNING

## HAZARD STATEMENTS

H315: Causes skin irritation.  
 H319: Causes serious eye irritation.  
 H332: Harmful if inhaled.  
 H335: May cause respiratory irritation.

## PRECAUTIONARY STATEMENT(S)

## Prevention:

P271: Use only outdoors or in a well-ventilated area.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P264: Wash skin and hands thoroughly after handling.  
 P362: Take off contaminated clothing and wash before reuse.

## Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.  
 P302+P352: IF ON SKIN: Wash with plenty of soap and water.  
 P332+P313: If skin irritation occurs: Get medical advice/attention.  
 P312: Call a POISON CENTER or doctor/physician if you feel unwell.

**Storage:**

P403+P233: Store in a well-ventilated place. Keep container tightly closed.  
 P405: Store locked up.

**Disposal:**

7944L5O1: Dispose of in a manner consistent with federal, state, and local regulations.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt.%	CAS
Polyglycol dimethacrylate	35 - 45	
Polymeric plasticizer	25 - 35	
Cellulose Acetate Butyrate	5 - 10	9004-36-8
Silica, amorphous	5 - 10	67762-90-7
Polytetrafluoroethylene	5 - 10	9002-84-0
Saccharin	1 - 3	81-07-2
CUMENE HYDROPEROXIDE	1 - 3	80-15-9

**4. FIRST AID MEASURES**

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

**SKIN:** Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms reoccur. Wash clothing before reuse.

**INGESTION:** Do Not induce vomiting. Contact physician at once.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**EYES:** Causes serious eye irritation.

**SKIN:** Causes skin irritation. May cause sensitization by skin contact.

**SKIN ABSORPTION:** None known.

**INGESTION:** No data available on this product.

**INHALATION:** Prolonged or excessive inhalation may cause respiratory tract irritation.

**ACUTE TOXICITY:** Slightly irritating to eyes and respiratory tracts.

**CHRONIC EFFECTS:** Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis).

**5. FIRE FIGHTING MEASURES**

**FLAMMABLE CLASS:** Not Flammable

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**EXTINGUISHING MEDIA:** Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon Dioxide, Carbon Monoxide and other toxic or irritating compounds may form when heated to decomposition.

**EXPLOSION HAZARDS:** Containers may rupture violently under fire temperatures. Cool containers with water if exposed to fire conditions.

**FIRE FIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

**FIRE FIGHTING EQUIPMENT:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

**FIRE EXPLOSION:** No data available on this product.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide, hydrogen fluoride, and carbonyl fluoride.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Absorb liquid and place in sealed container for disposal.

**LARGE SPILL:** Contain spill with dike to prevent entry into sewers. Absorb liquid and place in sealed container for disposal.

#### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Avoid runoff into storm sewers and ditches which lead to waterways.

**LAND SPILL:** Prevent from entering into soil, ditches, sewers, waterways and/or ground water. See Section 12, Ecological Information.

**AIR SPILL:** No data available on this product.

**SPECIAL PROTECTIVE EQUIPMENT:** Wear a self-contained breathing apparatus and appropriate personal protective equipment. (See Exposure Controls/Personal Protection Section).

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Use with adequate ventilation. Avoid contact with eyes, skin and clothing.

**HANDLING:** Avoid contact with skin and eyes. Wash thoroughly after handling.

**STORAGE:** Store in a cool place in original container and protect from sunlight. Keep away from sources of ignition.

**STORAGE TEMPERATURE:** Suggested storage conditions: Less than 77F/25C. Protect from freezing.

**LOADING TEMPERATURE:** No data available on this product.

**LOADING/UNLOADING VISCOSITY:** No data available on this product.

**STORAGE PRESSURE:** No data available on this product.

**SPECIAL SENSITIVITY:** None known.

**ELECTROSTATIC ACCUMULATION HAZARD:** None known.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:**

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<u>CHEMICAL</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Polyglycol dimethacrylate	Not established	Not established
Polymeric plasticizer	Not established	Not established
Cellulose Acetate Butyrate	Not established	Not established
Silica, amorphous	6 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Polytetrafluoroethylene	Not established	Not established
Saccharin	No established	Not established
Cumene hydroperoxide*	Not established	Not established
*(contains Cumene, CAS 98-82-8, <0.1%)	50 ppm	50 ppm

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

**SKIN:** Vinyl or rubber gloves.

**RESPIRATORY:** If ventilation is not adequate, wear NIOSH approved respiratory protection.

**PROTECTIVE CLOTHING:** Wear protective clothing. Launder contaminated clothing before reuse.

**WORK HYGIENIC PRACTICES:** Wash thoroughly after handling.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Liquid

**ODOR:** Low odor.

**ODOR THRESHOLD:** Not Established

**APPEARANCE:** White paste.

**COLOR:** White.

**pH:** Not Applicable.

**PERCENT VOLATILE:** Not Established

**FLASHPOINT AND METHOD:** > 93°C (200°F) Pensky-Martens CC

**FLAMMABLE LIMITS:** Not Established

**AUTOIGNITION TEMPERATURE:** No data available on this product.

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**VAPOR PRESSURE:** No data available on this product.  
**VAPOR DENSITY:** No data available on this product.  
**BOILING POINT:** No data available on this product.  
**FREEZING POINT:** No data available on this product.  
**MELTING POINT:** No data available on this product.  
**POUR POINT:** No data available on this product.  
**THERMAL DECOMPOSITION:** No data available on this product.  
**SOLUBILITY IN WATER:** Insoluble  
**EVAPORATION RATE:** Not Established  
**SPECIFIC GRAVITY:** ~ 1.15  
**VISCOSITY #1:** 300000 Centipoise (Estimated)  
**(VOC):** 0.002 lbs/gal  
**COEFF. OIL/WATER:** No data available on this product.

#### 10. STABILITY AND REACTIVITY

**STABLE:** Yes  
**HAZARDOUS POLYMERIZATION:** No  
**STABILITY:** Stable.  
**POLYMERIZATION:** May occur upon depletion of inhibitor.  
**CONDITIONS TO AVOID:** Avoid temperatures exceeding 100F/38C and avoid contact with metal powders, metal salts and amines.  
**POSSIBILITY OF HAZARDOUS REACTIONS:** Under normal conditions of storage and use, hazardous reactions will not occur.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Dioxide, Carbon Monoxide and other toxic or irritating compounds may form when heated to decomposition.  
**INCOMPATIBLE MATERIALS:** Oxidizers, metal salts, heat, inert gases and amines.

#### 11. TOXICOLOGICAL INFORMATION

**ACUTE**

**NOTES:**

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<u>CHEMICAL</u>	<u>IARC</u>	<u>NTP</u>	<u>OSHA carcinogen</u>	<u>LD50 oral rat</u>	<u>LC50 inhalation</u>	<u>LD50 dermal</u>	<u>Health Effect /Target Organs</u>
Polyglycol dimethacrylate	No	No	No	No data	No data	No data	Irritant / eye, skin, respiratory
Polymeric plasticizer	No	No	No	No data	No data	No data	Irritant / eye, skin, respiratory
Cellulose Acetate Butyrate	No	No	No	No data	No data	No data	Irritant / eye, skin, respiratory
Silica, amorphous	No	No	No	No data	No data	No data	Irritant / respiratory
Polytetrafluoroethylene	No	No	No	No data	No data	No data	Irritant / eye, skin, respiratory
Saccharin	No	No	No	No data	No data	No data	Irritant / respiratory
Cumene hydroperoxide*	No	No	No	No data	No data	No data	Corrosive / skin, eyes Aspiration hazard

\*(contains Cumene, CAS 98-82-8, <0.1%) – IARC = Group 2B

**EYE EFFECTS:** Moderately irritating to eyes and skin.

**SKIN EFFECTS:** Irritating to skin. May cause allergic skin reaction with prolonged contact.

**CHRONIC:** No data available on this product.

#### CARCINOGENICITY

**IARC:** None known.

**NTP:** None known.

**OSHA:** None known.

**IRRITATION:** No data available on this product.

**CORROSIVITY:** No data available on this product.

**SENSITIZATION:** May cause sensitization by skin contact.

**TERATOGENIC EFFECTS:** No data available on this product.

**MUTAGENICITY:** No data available on this product.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Prevent product from entering drains or sewers in case of spill.

**ECOTOXICOLOGICAL INFORMATION:** No data available on this product.

**BIOACCUMULATION/ACCUMULATION:** No data available on this product.

**Notes:** No data available on this product.

## 13. DISPOSAL CONSIDERATIONS

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**DISPOSAL METHOD:** Dispose of in a manner consistent with federal, state, and local regulations.

## 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Not restricted

**ROAD AND RAIL (ADR/RID)**

**PROPER SHIPPING NAME:** Not restricted

**AIR (ICAO/IATA)**

**SHIPPING NAME:** Not restricted

**VESSEL (IMO/IMDG)**

**SHIPPING NAME:** Not restricted

**CANADA TRANSPORT OF DANGEROUS GOODS**

**SHIPPING NAME:** Not restricted

## 15. REGULATORY INFORMATION

**UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**313 REPORTABLE INGREDIENTS:** Section 313: Cumene hydroperoxide (CAS 80-15-9), less than 3%.

**EPCRA SECTION 313 SUPPLIER NOTIFICATION**

Chemical Name	Wt.%	CAS
Saccharin	1 - 3	81-07-2
CUMENE HYDROPEROXIDE	1 - 3	80-15-9

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

Chemical Name	Wt.%	CERCLA RQ
Saccharin	1 - 3	100
CUMENE HYDROPEROXIDE	1 - 3	10

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
Cellulose Acetate Butyrate	9004-36-8
Silica, amorphous	67762-90-7
Polytetrafluoroethylene	9002-84-0
Saccharin	81-07-2
CUMENE HYDROPEROXIDE	80-15-9

**TSCA STATUS:** All ingredients in this mixture are in compliance with TSCA.

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**CALIFORNIA PROPOSITION 65:** WARNING: This product contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

Cumene hydroperoxide (CAS 80-15-9) which contains Cumene (CAS 98-82-8), at a level of <0.1%.

## CANADA

## WHMIS HAZARD SYMBOL AND CLASSIFICATION



Toxic

IRRITANT

WHMIS CLASS: D2B - Toxic (Irritant)

## 16. OTHER INFORMATION

TITLE: Regulatory Affairs Manager

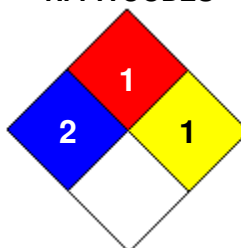
PREPARED BY: Mary Robles Date-Revised: 1/28/2015

REVISION SUMMARY: This MSDS replaces the 1/28/2015 MSDS.

## HMIS RATING

HEALTH	<input type="checkbox"/>	2
FLAMMABILITY		1
PHYSICAL HAZARD		1
PERSONAL PROTECTION		B

## NFPA CODES



HMIS RATINGS NOTES: Safety glasses and gloves are recommended for usage.

## MANUFACTURER DISCLAIMER:

To the best of our knowledge, the information contained herein is accurate. However, Pacer Technology does not assume any liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.