

SAFETY DATA SHEET



Date Prepared : 04/28/2015
 MSDS No : 11730051_PT23
 Date-Revised : 05/15/2018
 Revision No : 7

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: RAIL-ZIP 1OZ (72)

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

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (800) 424-9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Carcinogenicity, Category 1B

Eye Irritation, Category 1

Skin Irritation, Category 1

GHS LABEL ELEMENTS

Note: If this product is a consumer product it is labeled in accordance with the Consumer Product Safety Commission regulations and not OSHA regulations. The requirements for the labeling of consumer products take precedence over OSHA labeling so the actual product label will not contain the OSHA label elements shown below on this SDS.

SIGNAL WORD: WARNING

PRECAUTIONARY STATEMENT(S)

Prevention:

P202: Do not handle until all safety precautions have been read and understood.

P308+P313: IF exposed or concerned: Get medical advice/ attention.

Response:

P11: Restricted to professional users.

P281: Use personal protective equipment as required.

Storage:

P405: Store locked up.

Disposal:

P501: Dispose of in a manner consistent with federal, state, and local regulations.



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3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | Wt.% | CAS |
|---|---------|------------|
| Distillates, petroleum, hydrotreated heavy naphthenic | 70 - 80 | 64742-52-5 |
| Sodium petroleum sulphonates | 3 - 4 | 68608-24-2 |

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| | | |
|---|-------|------------|
| Tall oil fatty acid potassium salt | 1 - 2 | 61790-44-1 |
| Ethanol, 2,2'-oxybis- | > 1 | 111-46-6 |
| Hexylene glycol | > 1 | 107-41-5 |
| Potassium salt of dodecylbenzenesulfonic acid | > 1 | 27177-77-1 |

4. FIRST AID MEASURES

EYES: IF IN EYES: Immediately wash eye thoroughly with clean water, ensuring eyelids are held open. It is advisable to obtain medical advice before removing contact lenses. Obtain medical attention without delay.

SKIN: Although emergency first aid treatment is not usually required, the product should be washed thoroughly from the skin with soap and water without delay. Remove contaminated clothing. Wash/laundry contaminated clothing before reuse. If irritation persists, obtain medical advice.

INGESTION: Do not induce vomiting. Wash out mouth with water and obtain medical attention. Milk or water to drink may be beneficial (do not give anything to drink to an unconscious person). Treat symptomatically. If the product is aspirated in to the lungs (e.g. during vomiting), send to the hospital immediately. Show a copy of this data sheet to the doctor.

INHALATION: If breathing is difficult remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, seek medical attention.

5. FIRE FIGHTING MEASURES

EXPLOSION HAZARDS: Never use welding or cutting torch on or near product containers, even empty containers. Product or residue can ignite explosively when exposed to fire.

FIRE FIGHTING PROCEDURES: According to NFPA Guide; use water spray, dry chemical, foam or carbon dioxide. Water or foam may cause frothing. Use water to cool fire exposed containers. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for persons attempting to stop the leak.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Contain the spill if possible. Avoid breathing vapor. Use self-contained breathing apparatus or supplied air for large spills or in confined areas. Wipe up or use suitable absorbent material. Prevent entry into sewers or waterways. Avoid contact with skin, eyes or clothing.

LARGE SPILL: Notify the appropriate authorities immediately. Contain the spill if possible. Avoid breathing vapor. Use self-contained breathing apparatus or supplied air for large spills or in confined areas. Wipe up or use suitable absorbent material. Prevent entry into sewers or waterways. Avoid contact with skin, eyes or clothing.

7. HANDLING AND STORAGE

HANDLING: Minimum feasible handling temperatures should be maintained.

STORAGE: Periods of exposure to high temperature should be minimized. Water contamination should be avoided.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses and gloves are recommended for usage.

SKIN: Workers should wash exposed skin several times daily with soap and water. Soiled clothing should be laundered or dry-

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cleaned at least weekly.

RESPIRATORY: Airborne concentrations should be kept to lowest levels. If vapor is generated, use respirator approved by OSHA or NIOSH as appropriate. Supplied air respiratory protections should be used for cleaning large spills or upon entry into tanks, vessels, or other confined spaces.

WORK HYGIENIC PRACTICES: Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Mild detergent odor

ODOR THRESHOLD: No data available

APPEARANCE: Red liquid.

pH: No data available

PERCENT VOLATILE: No data available

FLASHPOINT AND METHOD: 163°C (325°F) TCC

AUTOIGNITION TEMPERATURE: No data available

VAPOR PRESSURE: No data available

VAPOR DENSITY: < 7 x 10⁻³

BOILING POINT: 327°C (620°F)

FREEZING POINT: No data available

MELTING POINT: No data available

THERMAL DECOMPOSITION: No data available

SOLUBILITY IN WATER: Water: forms emulsion

DENSITY: No data available

SPECIFIC GRAVITY: 0.9076

VISCOSITY: No data available

10. STABILITY AND REACTIVITY

REACTIVITY: Yes

HAZARDOUS POLYMERIZATION: Hazardous polymerization does not occur.

STABILITY: No data available

CONDITIONS TO AVOID: This material reacts with strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: No data available

INCOMPATIBLE MATERIALS: No data available

COMMENTS: Evolves toxic levels of carbon monoxide, carbon dioxide, irritating aldehydes and ketones when heated to combustion.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

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DERMAL LD₅₀: Believed to be > 3 g/kg (rat)

ORAL LD₅₀: Believed to be >5g/kg (rat)

INHALATION LC₅₀: No data available.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: If applied to leaves, this product may kill grasses and small plants by interfering with transpiration and respiration. This product is not toxic to fish but may coat gill structures resulting in suffocation if spilled in shallow, running water. Product may be moderately toxic to amphibians by preventing dermal respiration. This product may cause gastrointestinal distress in birds and mammals through ingestion.

This product is rapidly biodegradable. Biodegradation is possible with 100 to 120 days in aerobic environments at temperatures above 70F (21C).

A film or sheen will cause discoloration of the water surface or adjoining shoreline.

13. DISPOSAL CONSIDERATIONS

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

RCRA/EPA WASTE INFORMATION: This product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form. Under RCRA it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This product is subject in service to chemical alteration, which may render resulting material hazardous.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not restricted

AIR (ICAO/IATA)

SHIPPING NAME: Not restricted

VESSEL (IMO/IMDG)

SHIPPING NAME: Not restricted

COMMENTS: The transport information provided in this section only applies to the material formulation/itself, and is not specific to any package/configuration. This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. It is the responsibility of the transporting organizations to follow all applicable laws, regulations, and rules relating to the transportation of the material.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Not Applicable.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

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TSCA REGULATORY: All ingredients in this mixture are in compliance with TSCA.

16. OTHER INFORMATION

APPROVED BY: Pacer Technology Regulatory Department

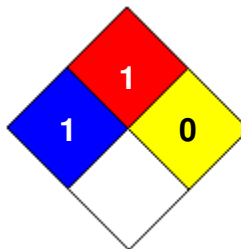
PREPARED BY: Pacer Technology Regulatory Department **Date-Revised:** 05/15/2018

REVISION SUMMARY: This MSDS replaces the 04/09/2014 MSDS. Revised: **Section 1:** APPROVED BY, Date Issued, 24 HR. EMERGENCY TELEPHONE NUMBERS, MSDS No, PREPARED BY, REASON FOR ISSUE, TITLE. **Section 2:** CANCER STATEMENT, COMMENTS HEALTH, EMERGENCY OVERVIEW - PHYSICAL APPEARANCE POTENTIAL HEALTH EFFECTS (SKIN, INHALATION), WARNING CAUTION LABELS. **Section 3:** Wt.%. **Section 4:** EYES, INGESTION, INHALATION, SKIN. **Section 5:** EXTINGUISHING MEDIA, FIRE FIGHTING PROCEDURES. **Section 6:** LARGE SPILL, SMALL SPILL. **Section 7:** GENERAL PROCEDURES, HANDLING, STORAGE. **Section 8:** PERSONAL PROTECTIVE EQUIPMENT (RESPIRATORY). **Section 9:** APPEARANCE, BOILING POINT, COEFF. OIL/WATER, EVAPORATION RATE, FLAMMABLE LIMITS, FLASHPOINT AND METHOD, MOLECULAR WEIGHT, SOLUBILITY IN WATER, SPECIFIC GRAVITY, VAPOR DENSITY, (VOC). **Section 10:** COMMENTS, CONDITIONS TO AVOID, HAZARDOUS POLYMERIZATION. **Section 11:** ACUTE (ORAL LD₅₀ (rat), INHALATION LC₅₀ (rat)). **Section 12:** ENVIRONMENTAL DATA. **Section 13:** DISPOSAL METHOD, RCRA/EPA WASTE INFORMATION. **Section 14:** COMMENTS, ROAD AND RAIL (ADR/RID) - PROPER SHIPPING NAME. **Section 16:** HMIS RATING - HEALTH NFPA CODES - HEALTH.

HMIS RATING

| | | |
|---------------------|--------------------------|---|
| HEALTH | <input type="checkbox"/> | 1 |
| FLAMMABILITY | <input type="checkbox"/> | 1 |
| PHYSICAL HAZARD | <input type="checkbox"/> | 0 |
| PERSONAL PROTECTION | <input type="checkbox"/> | B |

NFPA CODES



GENERAL STATEMENTS: P11: Restricted to professional users.

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