

# SAFETY DATA SHEET



**Date issued :** 03/26/2015  
**SDS number :** 11730041\_PT16  
**Date revised :** 10/24/2022  
**Revision number :** 3

## 1. Identification

**Product code:** 11730041\_PT16

**Product description:** Z-7 DEBONDER 1OZ (72)

### Manufacturer / Supplier

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

**Emergency contact:** Chemtrec

**Emergency Phone:** (800) 424-9300

**Customer Service:** (909) 987-0550

## 2. Hazard identification

### Classification of the substance or mixture

#### Health hazards:

Target Organ Toxicity (Single exposure) - Respiratory, Category 3

#### Physical hazards:

Flammable Liquids, Category 2

### 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.



Flame



Exclamation  
mark

**Signal word:** DANGER

### Hazard statement(s)

H225: Highly flammable liquid and vapour.

H318: Causes serious eye damage.

H336: May cause drowsiness or dizziness.

### Precautionary statement(s)

#### Prevention:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233: Keep container tightly closed.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

#### Response:

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

# SAFETY DATA SHEET



Date issued : 03/26/2015  
 SDS number : 11730041\_PT16  
 Date revised : 10/24/2022  
 Revision number : 3

do. Continue rinsing.  
 P362: Take off contaminated clothing.  
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
 P312: Call a POISON CENTER or doctor/physician if you feel unwell.  
 P370+378: In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction.

## Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.  
 P403+P235: Store in a well-ventilated place. Keep cool.  
 P405: Store locked up.

## Disposal:

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

## 3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Acetone	> 85 - 95	67-64-1
1,2-Propanediol	5 - 15	57-55-6
Ethanol	3 - 6	64-17-5
Hydroxypropylcellulose	2 - 4	9004-64-2

## 4. First-aid measures

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

**Skin:** Wash with soap and water. Get medical attention if irritation develops or persists.

**Ingestion:** If swallowed, do not induce vomiting. If conscious and alert, give two glasses of water. Seek medical attention.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. Get medical attention.

### Most important symptoms and effects, both acute and delayed

**Eye:** Symptoms may include tearing along with a severe burning sensation. Permanent damage to eye tissue likely if material is not removed quickly.

**Skin:** Contact causes skin irritation.

**Ingestion:** Aspiration hazard. If swallowed, vomiting may occur spontaneously, but do not induce. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Call a physician immediately.

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

**Acute effects:** Irritating to eyes, respiratory system and skin.

**Chronic effects:** Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

## 5. Fire-fighting measures

**General hazard:** Flammable liquid and vapor.

**Suitable extinguishing media:** Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

**Hazardous combustion products:** Combustible by-products of carbon monoxide and dioxide.

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

# SAFETY DATA SHEET



Date issued : 03/26/2015

SDS number :

11730041\_PT16

Date revised : 10/24/2022

Revision number : 3

**Fire fighting procedures:** Use water spray to keep fire-exposed containers cool and to knock down vapors which may result from product decomposition.

**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:** Product is Flammable. Respiratory protection required for firefighters. Stay upwind from fire if possible when fire-fighting.

**Sensitivity to static discharge:** Electrostatic charges may be generated during pumping. Ground all containers.

**Hazardous decomposition products:** Combustible by-products of carbon monoxide/dioxide.

## 6. Accidental release measures

**Small spill:** Absorb liquid and place in sealed container for disposal. Vapors can travel to an ignition source.

**Large spill:** Remove all sources of ignition. Use spark-proof tools. Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Absorb liquid and place in sealed container for disposal. Vapors can travel to an ignition source.

### Environmental precautions

**Water spill:** This material is a water pollutant and should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water.

**Land spill:** Prevent contamination of soil, drains and surface waters. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

**General procedures:** Remove all sources of ignition. Use spark-proof tools.

**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.

**Precautions for safe handling:** Use with sufficient ventilation to keep employee exposure below recommended limits. Provide adequate ventilation for storage, handling and use, especially for enclosed or low spaces. Avoid contact of liquid with eyes and prolonged skin exposure. Do not allow product to contact open flame or electrical heating elements because dangerous decomposition products may form.

**Conditions for safe storage:** Store in a cool place in original container and protect from sunlight.

**Storage temperature:** Avoid temperatures exceeding 100F/38C and incompatible materials.

**Electrostatic accumulation hazard:** Take measures to prevent the buildup of electrostatic charge.

## 8. Exposure controls/personal protection

### Individual protection measures, such as personal protective equipment

**Eye / face protection:** For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

**Skin protection - hand protection:** Nitrile rubber and PVC are not suitable protective materials; Neoprene is recommended.

**Respiratory protection:** NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

**Skin protection - other:** Wear suitable protective clothing and gloves.

# SAFETY DATA SHEET



Date issued : 03/26/2015  
 SDS number : 11730041\_PT16  
 Date revised : 10/24/2022  
 Revision number : 3

**Occupational hygiene practices:** Wash with soap and water. Get medical attention if irritation develops or persists.

## 9. Physical and chemical properties

**Physical state:** Liquid  
**Appearance:** Clear, colorless thick liquid  
**Color:** Clear.  
**Odor:** Mild ketone odor.  
**Odor threshold:** Not Established  
**pH:** Not Established  
**Melting point:** No data available  
**Freezing point:** No data available  
**Initial boiling point and boiling range:** 56°C (133°F)  
**Flash point:** -20°C (-4°F) TAG CC  
**Evaporation rate (n-butyl acetate = 1):** 5.0 (n-Butyl Acetate=1)  
**Flammability:** No data available  
**Lower explosion limit / flammability limit:** 2.6%  
**Upper explosion limit / flammability limit:** 12.8%  
**Vapor pressure:** 184 mmHg at 20C (68 F)  
**Relative vapor density:** 2 (Air = 1)  
**Density:** No data available  
**Relative density:** 0.8 (water=1)  
**Solubility:** 85 wt % at 68F (20C)  
**Auto-ignition temperature:** No data available  
**Decomposition temperature:** No data available  
**Viscosity:** No data available  
**Molecular weight:** No data available  
**Pour point:** No data available  
**Percent volatiles:** No data available  
**VOC content:** Not Established

## 10. Stability and reactivity

**Dangerous polymerization:** No  
**Chemical stability:** Stable.  
**Conditions to avoid:** Heat, flames, ignition sources, and incompatibles.  
**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:** Strong acids and alkalis, reactive metals and strong oxidizing agents.

## 11. Toxicological information

# SAFETY DATA SHEET



Date issued : 03/26/2015  
 SDS number : 11730041\_PT16  
 Date revised : 10/24/2022  
 Revision number : 3

**Skin corrosion / irritation:** Irritating to skin. May cause allergic skin reaction with prolonged contact.

**Serious eye damage / irritation:** Moderately irritating to eyes and skin.

**Specific Target Organ Toxicity - single exposure:** Inhalation may cause temporary dizziness, headache, possible nausea. Symptoms normally disappear when exposure ceases. Eye/skin contact may cause discomfort by defatting action of solvents.

## 12. Ecological information

**Other adverse effects:** No data available. Contact Env. Dept.

## 13. Disposal considerations

**Disposal methods:** Dispose of in accordance with all local, state, and federal regulations.

**Product disposal:** Do not empty into drains. Dispose of this material and its container at a hazardous or special waste collection point.

## 14. Transport information

### USA Department of Transport Regulations (DOT)

**UN proper shipping name:** UN1090, ACETONE, 3, II (LTD QTY, IP VOL LESS THAN OR EQUAL TO 1.0 L)

### ICAO / IATA - air

**UN proper shipping name:** ID8000, CONSUMER COMMODITY, 9 (IP VOL LESS THAN OR EQUAL TO 0.5 L); or UN1090, ACETONE, 3, II (LTD QTY LESS THAN OR EQUAL TO 0.5 L) \*

### IMO / IMDG - International

**UN proper shipping name:** UN1090, ACETONE, 3, II (LTD QTY, IP VOL LESS THAN OR EQUAL TO 1.0 L) \*

**Comments:** \* This product may be shipped as EXCEPTED QUANTITIES OF CLASS 3, UN1090 (IP VOL LESS THAN OR EQUAL TO 0.03 L, OP VOL LESS THAN OR EQUAL TO 0.5 L)

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 Section 311/312 Hazard Categories

**311/312 Health hazards:** Immediate (acute) health hazard

#### TSCA (The Toxic Substances Control Act)

Chemical name	CAS No.
1,2-Propanediol	57-55-6
Ethanol	64-17-5
Hydroxypropylcellulose	9004-64-2

**TSCA Status:** All components are listed on or are exempt from listing on the Toxic Substances Control Act.

**California Proposition 65:** ⚠️ **WARNING:** This product can expose you to chemicals including Benzene, which is known to

# SAFETY DATA SHEET



Date issued : 03/26/2015  
 SDS number : 11730041\_PT16  
 Date revised : 10/24/2022  
 Revision number : 3

the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## 16. Other information

**Approved by:** Pacer Technology Regulatory Department

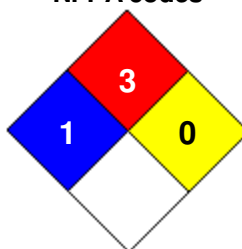
**Prepared by:** Pacer Technology Regulatory Department      **Date revised:** 10/24/2022

**Revision summary:** This SDS replaces the 04/22/2019 SDS. Revised: **Section 1:** SDS number, Product code. **Section 2:** Classification of the substance or mixture, Label elements, Precautionary statement(s).

### HMIS rating

Health	<input type="text"/>	1
Flammability	<input type="text"/>	3
Physical hazard	<input type="text"/>	0
Personal protection	<input type="text"/>	

### NFPA codes



**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.