

SAFETY DATA SHEET



Date Prepared : 04/05/2012
MSDS No : 11740142_FG09431
Date-Revised : 09/19/2017
Revision No : 7

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: STANDARD ACCEL 2OZ ACETONE

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 (Oral), Category 4
Acute Toxicity (Inhalation), Category 3
Serious Eye Damage, Category 2
Target Organ Toxicity (Repeated exposure), Category 2
Target Organ Toxicity (Single exposure) - Narcotic Effects, Category 3

Physical:

Flammable Liquids, Category 2

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.



Flame



Skull and
crossbones



Health
hazard

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H225: Highly flammable liquid and vapour.
H302: Harmful if swallowed.
H319: Causes serious eye irritation.
H331: Toxic if inhaled.
H336: May cause drowsiness or dizziness.
H373: May cause damage to organs (state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

PRECAUTIONARY STATEMENT(S)

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Prevention:

P210: Keep away from heat/sparks/open flames/hot surfaces. - No Smoking.
 P233: Keep container tightly closed.
 P240: Ground/bond container and receiving equipment.
 P241: Use explosion-proof electrical/ventilating/lighting equipment.
 P242: Use only non-sparking tools.
 P243: Take precautionary measures against static discharge.
 P260: Do not breathe dust/fume/gas/mist/vapours/spray.
 P270: Do not eat, drink or smoke when using this product.
 P271: Use only outdoors or in a well-ventilated area.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P284: Wear respiratory protection.
 P361: Remove/Take off immediately all contaminated clothing.

Response:

P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P302+P352: IF ON SKIN: Wash with plenty of soap and water.
 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 do. Continue rinsing.
 P310: Immediately call a POISON CENTER or doctor/physician.
 P312: Call a POISON CENTER or doctor/physician if you feel unwell.
 P337+P313: If eye irritation persists: Get medical advice/attention.
 P370: In case of fire: Use dry chemical, foam or carbon dioxide to extinguish.

Storage:

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

Disposal:

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Acetone	80 - 100	67-64-1
N,N-DIMETHYL-P-TOLUIDINE	1 - 10	99-97-8

4. FIRST AID MEASURES

EYES: Immediately flush eyes with large quantities of water for several minutes, while holding eyelids apart. Remove contact lenses if easy to do so. Continue rinsing. Get medical attention if irritation or bonding occurs.

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. If breathing is difficult, give oxygen. Get medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

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EYES: 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.

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

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: Potential for chemical pneumonitis. Call a doctor or poison control center for advice.

CHRONIC EFFECTS: Prolonged or repeated overexposure may cause central nervous system, kidney, liver, and lung damage.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: Extremely flammable

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.

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: Treat as an extremely flammable liquid.

SENSITIVE TO STATIC DISCHARGE: Electrostatic charges may be generated during pumping. Ground all containers.

SENSITIVITY TO IMPACT: None Known.

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: None known

AIR SPILL: None known

GENERAL PROCEDURES: Remove all sources of ignition. Use spark-proof tools.

7. HANDLING AND STORAGE

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

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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.

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

STORAGE TEMPERATURE: Avoid temperatures exceeding 100F/38C and incompatible materials.

LOADING TEMPERATURE: Not Known

LOADING/UNLOADING VISCOSITY: Not Established

STORAGE PRESSURE: Not Known

ELECTROSTATIC ACCUMULATION HAZARD: See Section 5 regarding electrostatic charges.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type		ppm	mg/m ³
Acetone	OSHA PEL	TWA	1000	2400
	ACGIH TLV	TWA	500	
		STEL	750	
N,N-DIMETHYL-P-TOLUIDINE	OSHA PEL	TWA	0.50 ppm	No data available
		STEL	No data available	No data available
	ACGIH TLV	TWA	No data available	No data available
		STEL	No data available	No data available

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

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: Nitrile rubber and PVC are not suitable protective materials; Neoprene is recommended.

RESPIRATORY: 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.

PROTECTIVE CLOTHING: Wear suitable protective clothing and gloves.

WORK HYGIENIC PRACTICES: Wash with soap and water. Get medical attention if irritation develops or persists.

9. PHYSICAL AND CHEMICAL PROPERTIES

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PHYSICAL STATE: Liquid
ODOR: Ketone odor
ODOR THRESHOLD: No data available
APPEARANCE: Clear to light yellow liquid with ketone odor.
COLOR: Clear to light yellow color.
pH: No data available
PERCENT VOLATILE: No data available
FLASHPOINT AND METHOD: (-4 °F) TCC
AUTOIGNITION TEMPERATURE: No data available
VAPOR PRESSURE: No data available
BOILING POINT: (133 °F)
FREEZING POINT: No data available
MELTING POINT: (-139 °F)
THERMAL DECOMPOSITION: No data available
SOLUBILITY IN WATER: 85 %
EVAPORATION RATE: 5.0 (n-Butyl Acetate=1)
DENSITY: No data available
SPECIFIC GRAVITY: 0.8 g/mL
VISCOSITY: No data available
MOLECULAR WEIGHT: No data available
(VOC): 5 %
Notes: (<42g/L)

10. STABILITY AND REACTIVITY

REACTIVITY: Yes
HAZARDOUS POLYMERIZATION: No
CONDITIONS TO AVOID: Heat, flames, ignition sources, and incompatibles.
POSSIBILITY OF HAZARDOUS REACTIONS: Hazardous reactions are possible when exposed to incompatible materials such as nitrates, chlorine, ammonia, strong oxidizers, alkalis, and acids
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxide and other toxic or irritating compounds may form when heated to decomposition.
INCOMPATIBLE MATERIALS: Strong oxidizing agents.
COMMENTS: REACTIVITY: Product may react if exposed to oxidizing agents.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

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Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
Acetone	5800 mg/kg	7426 mg/kg (guinea pig)	50100 mg/kg
N,N-DIMETHYL-P-TOLUIDINE	1 650 mg/kg (rat)	> 2000 mg/kg (rat)	498 mL/m3

SERIOUS EYE DAMAGE/IRRITATION: N,N-Dimethyl-p-toluidine: May cause skin irritation and irritation of the respiratory tract.

CARCINOGENICITY

IARC: Not listed.

NTP: Not listed.

OSHA: Not listed.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA:

This material should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of following all Local Authority requirements for disposal.

PRODUCT DISPOSAL: Dispose of following all Local Authority requirements for disposal.

EMPTY CONTAINER: Dispose of following all Local Authority requirements for disposal.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Acetone, 3, UN 1090, II

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: UN1090, ACETONE, 3, II

AIR (ICAO/IATA)

SHIPPING NAME: UN1090, Acetone, 3, II, RESTRICTED FOR AIR TRANSPORT

VESSEL (IMO/IMDG)

SHIPPING NAME: UN1090, ACETONE, 3, II

CANADA TRANSPORT OF DANGEROUS GOODS

SHIPPING NAME: N/A

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

FIRE: Yes **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

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Chemical Name	Wt.%	CERCLA RQ
Acetone	80 - 100	5,000

CERCLA RQ: Acetone (CAS 67-64-1)

REPORTABLE SPILL QUANTITY: 5000 lbs

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Acetone	67-64-1
N,N-DIMETHYL-P-TOLUIDINE	99-97-8

TSCA STATUS: All chemicals in this product are listed in the TSCA inventory.

CALIFORNIA PROPOSITION 65: WARNING: This product can expose you to chemicals including Benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Chemical Name	Wt.%	Listed
N,N-DIMETHYL-P-TOLUIDINE	1 - 10	Cancer

16. OTHER INFORMATION

APPROVED BY: Pacer Technology Regulatory Department

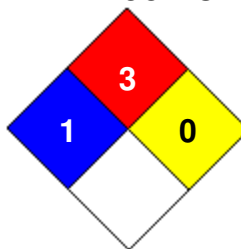
PREPARED BY: Pacer Technology Regulatory Department **Date-Revised:** 09/19/2017

REVISION SUMMARY: This MSDS replaces the 07/22/2015 MSDS. Revised: **Section 1:** APPROVED BY, MSDS No, PREPARED BY, TITLE. **Section 2:** . **Section 15:** CALIFORNIA PROPOSITION 65, WHMIS CLASS.

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



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