

SAFETY DATA SHEET



Date Prepared : 08/18/2015
 MSDS No : 11740144_FG09531
 Date-Revised : 03/05/2018
 Revision No : 4

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: PREMIUM ACCEL 2OZ ALCOHOL

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 (Single exposure) - Narcotic Effects, Category 3
 Target Organ Toxicity (Repeated exposure), Category 2

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.



Exclamation
mark



Flame



Health
hazard



Skull and
crossbones

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 through prolonged or repeated exposure.

PRECAUTIONARY STATEMENT(S)

Prevention:

SAFETY DATA SHEET



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P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P233: Keep container tightly closed.
 P240: Ground and bond container and receiving equipment.
 P241: Use explosion-proof electrical/ventilating/lighting equipment.
 P242: Use non-sparking tools.
 P243: Take action to prevent static discharges.
 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: Take off immediately all contaminated clothing.
 P363: Wash contaminated clothing before reuse.

Response:

P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P302+352: IF ON SKIN: Wash with plenty of soap and water.
 P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position 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.
 P314: Get medical advice/attention if you feel unwell.
 P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 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.
 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	Wt.%	CAS
2-Propanol	85 - 100	67-63-0
N,N-DIMETHYL-P-TOLUIDINE	1 - 15	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, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

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

SAFETY DATA SHEET



Date Prepared : 08/18/2015
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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.

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: Headache, nausea, and possible coordination problems.

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

NOTES TO PHYSICIAN: Physician Note: No specific antidote; treat through control of symptoms.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: Flammable liquid and vapor.

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 a highly flammable liquid.

SENSITIVE 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: Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on adsorbent, such as sawdust or vermiculite, and sweep into closed containers for disposal. After all visible traces, including ignitable vapors, have been removed thoroughly wet vacuum the area. Do not flush to sewer. If area of spill is porous, remove as much contaminated earth and gravel, etc. as necessary and place in closed containers for disposal.

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

GENERAL PROCEDURES: Polymerize with water. Increase ventilation to area. Solid material may be scraped from surface.

SPECIAL PROTECTIVE EQUIPMENT: Use plastic/rubber gloves, chemical splash goggles or safety glasses with side shields.

7. HANDLING AND STORAGE

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

HANDLING: Use with sufficient ventilation to keep employee exposure below recommended limits. Provide adequate ventilation

SAFETY DATA SHEET



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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: Do not store in Aluminum container above 120F (49C).

ELECTROSTATIC ACCUMULATION HAZARD: Take measures to prevent the buildup of electrostatic charge.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
		EXPOSURE LIMITS		
Chemical Name	Type		ppm	mg/m ³
2-Propanol	OSHA PEL	TWA	400 ppm	980 mg/m ³
		STEL	No data available	No data available
	ACGIH TLV	TWA	200 ppm	490 mg/m ³
		STEL	400 ppm	960 mg/m ³
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: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

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: 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 protective clothing. Launder contaminated clothing before reuse.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Alcohol odor

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ODOR THRESHOLD: No data available
APPEARANCE: Transparent, colorless liquid
COLOR: Clear to pale yellow
pH: No data available
PERCENT VOLATILE: No data available
FLASHPOINT AND METHOD: 12°C (53°F) TAG CC
FLAMMABLE LIMITS: 2% to 12%
AUTOIGNITION TEMPERATURE: No data available
VAPOR PRESSURE: 90 mmHg at 38°C (100°F)
VAPOR DENSITY: 2.1 Air=1
BOILING POINT: 82°C (180°F)
FREEZING POINT: No data available
MELTING POINT: No data available
POUR POINT: No data available
THERMAL DECOMPOSITION: No data available
SOLUBILITY IN WATER: Fully miscible
EVAPORATION RATE: 1.7 (n-Butyl Acetate=1)
DENSITY: No data available
SPECIFIC GRAVITY: 0.79 g/L
VISCOSITY #1: < 5 cps
Notes: No data available
(VOC): 79 g/L

10. STABILITY AND REACTIVITY

REACTIVITY: No
HAZARDOUS POLYMERIZATION: No
STABILITY: Stable
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 acids and alkalis, reactive metals and strong 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)
2-Propanol	5045 mg/kg (rat)	12800 mg/kg (rabbit)	> 10000 ppm (rat male and female, 6 hour, vapour)
N,N-DIMETHYL-P-TOLUIDINE	1650 mg/kg (rat)	> 2000 mg/kg (rat)	498 mL/m3

SERIOUS EYE DAMAGE/IRRITATION: May cause serious eye irritation.

CARCINOGENICITY

IARC: Isopropanol: Group 3 - Not classifiable as to its carcinogenicity to humans.

NTP: Reasonably anticipated to be a carcinogen.

OSHA: Not listed.

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

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

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

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: UN1219, ISOPROPANOL, 3, II

AIR (ICAO/IATA)

SHIPPING NAME: UN1219, ISOPROPANOL, 3, II

VESSEL (IMO/IMDG)

SHIPPING NAME: UN1219, ISOPROPANOL, 3, II

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

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

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt. %	CAS
2-Propanol	85 - 100	67-63-0

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TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
2-Propanol	67-63-0
N,N-DIMETHYL-P-TOLUIDINE	99-97-8

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 *N,N*-Dimethyl-*p*-toluidine, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Chemical Name	Wt. %	Listed
N,N-DIMETHYL-P-TOLUIDINE	1 - 15	Cancer

16. OTHER INFORMATION

APPROVED BY: Pacer Technology Regulatory Department

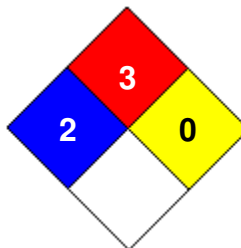
PREPARED BY: Pacer Technology Regulatory Department **Date-Revised:** 03/05/2018

REVISION SUMMARY: This MSDS replaces the 09/28/2017 MSDS.

HMIS RATING

HEALTH	<input type="checkbox"/>	2
FLAMMABILITY	<input type="checkbox"/>	3
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	

NFPA CODES



MANUFACTURER DISCLAIMER:

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