

SAFETY DATA SHEET



Date Prepared : 6/1/2012
 MSDS No :
 Date-Revised : 3/19/2015
 Revision No : 7

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:

Eye Irritation, Category 2
 Target Organ Toxicity (Single exposure), Category 3
 Carcinogenicity, Category 1A

Physical:

Flammable Liquids, Category 2

GHS LABEL ELEMENTS



Exclamation
mark



Flame



Health
hazard

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H225: Highly flammable liquid and vapour.
 H319: Causes serious eye irritation.
 H336: May cause drowsiness or dizziness.
 H350: May cause cancer .

PRECAUTIONARY STATEMENT(S)

Prevention:

P11: Restricted to professional users.
 P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
 P271: Use only outdoors or in a well-ventilated area.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P233: Keep container tightly closed.
 P240: Ground/bond container and receiving equipment.
 P241: Use explosion-proof electrical/ventilating/lighting/.../ equipment.

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P242: Use only non-sparking tools.
 P243: Take precautionary measures against static discharge.
 P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

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.
 P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P331: Do NOT induce vomiting.
 P302+P352: IF ON SKIN: Wash with plenty of soap and water.
 P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P332+P313: If skin irritation occurs: Get medical advice/attention.
 P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
 P312: Call a POISON CENTER or doctor/physician if you feel unwell.
 P362: Take off contaminated clothing and wash before reuse.

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:

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

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: Avoid breathing vapors or mists.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
VM&P Naphtha, Light Petroleum	25 - 35	64742-89-8
Hydrocarbon polymers	40 - 50	9011-11-4
n-Propyl acetate	20 - 30	109-60-4

4. FIRST AID MEASURES

EYES: Flush eye with water for 15 minutes. Get medical attention.

SKIN: Wash with soap and water.

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: Immediately remove patient to fresh air. If breathing has stopped, give artificial respiration. Use oxygen as required, provided a qualified operator is available. Get medical attention immediately.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Immediately flush with copious amounts of water for 15 minutes. Contact a physician.

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

SKIN ABSORPTION: Remove contaminated clothing and wash affected areas with soap and water. Prolonged or repeated

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contact can cause dermatitis in sensitive individuals. Contact a physician if irritation persists.

INGESTION: Do not induce vomiting. Get immediate medical attention and show container label.

INHALATION: May cause temporary dizziness, headache and possible nausea if used in poorly ventilated area.

ACUTE TOXICITY: 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.

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

NOTES TO PHYSICIAN: Most important symptoms and effects: nausea, headache, dizziness, coughing, breathing difficulty.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: GHS Flammable liquid, Category 2

GENERAL HAZARD: Highly flammable

EXTINGUISHING MEDIA: Use dry chemical, foam or carbon dioxide.

HAZARDOUS COMBUSTION PRODUCTS: Combustible by-products of carbon monoxide and dioxide.

EXPLOSION HAZARDS: Keep away from heat, sparks and open flames. Vapors can cause a flash fire and ignite explosively.

FIRE FIGHTING PROCEDURES: Standard procedures for chemical fires. Burning produces irritant fumes.

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

SENSITIVE TO STATIC DISCHARGE: No data available on this product.

SENSITIVITY TO IMPACT: No data available on this product.

HAZARDOUS DECOMPOSITION PRODUCTS: Aldehydes, carbon dioxide/monoxide, oxides of nitrogen.

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

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.

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

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

STORAGE: Store in a cool, well-ventilated area of low fire risk. Spray mist and vapors are flammable.

STORAGE TEMPERATURE: Ambient room temperature (70F/21C).

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: Take measures to prevent the buildup of electrostatic charge.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

<u>CHEMICAL</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
VM&P Naphtha, light petroleum	500 ppm	300 ppm
Hydrocarbon polymer	No data	No data
Propyl acetate	200 ppm	200 ppm

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses/goggles with side shields are recommended for usage. A safety shower and eye bath should be made readily available.

SKIN: Wear rubber gloves to avoid prolonged skin contact.

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 hands with soap and water after use. Launder contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Solvent (naphtha) type odor.

ODOR THRESHOLD: No data available on this product.

APPEARANCE: Clear, Colorless liquid

COLOR: Clear, transparent.

pH: Not Applicable

PERCENT VOLATILE: No data available on this product.

FLASHPOINT AND METHOD: 10°C (50°F) CC - Closed Cup

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FLAMMABLE LIMITS: 1% to 8%

AUTOIGNITION TEMPERATURE: No data available on this product.

VAPOR PRESSURE: 60 mmHg

VAPOR DENSITY: Heavier than air

BOILING POINT: 93.888°C (201°F) to 107.222°C (225°F)

FREEZING POINT: No data available on this product.

MELTING POINT: Not Established

POUR POINT: No data available on this product.

THERMAL DECOMPOSITION: No data available on this product.

SOLUBILITY IN WATER: 0.4 %

EVAPORATION RATE: > 1 (n-Butyl Acetate=1)

SPECIFIC GRAVITY: 0.89 (water=1)

VISCOSITY: No data available on this product.

(VOC): 469.000 g/L

COEFF. OIL/WATER: No data available on this product.

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

STABILITY: Stable.

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Avoid direct sunlight, heat/sparks or ignition sources, high temperatures or exposure to incompatible materials.

POSSIBILITY OF HAZARDOUS REACTIONS: Under normal conditions of storage and use, hazardous reactions will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, aldehydes, acids and other organic substances may be formed during combustion (>500F) temperature degradation.

INCOMPATIBLE MATERIALS: Strong acids and alkalis, reactive metals and strong oxidizing agents.

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>
VM&P Naphtha, Light Petroleum	Not listed	Not listed	Category 1B	>2000 mg/kg	(rat) – 1 hr = >5000 ppm	(rat) >2000 mg/kg	Irritant, cancer/respiratory, skin Aspiration hazard
Hydrocarbon polymers	Not listed	Not listed	Not listed	No data	No data	No data	Non-hazardous
Propyl acetate	Not listed	Not listed	Not listed	9370 mg/kg	(rat) – 4hr = 32 mg/L	(rabbit) > 17.74 mg/kg	Irritant / respiratory, eyes

EYE EFFECTS: Mildly to moderately irritating.

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

CHRONIC: Repeated exposure may cause skin dryness or cracking.

SUBCHRONIC: No data available on this product.

CARCINOGENICITY

Notes: See chart - acute notes.

IRRITATION: May cause serious eye irritation.

CORROSIVITY: No data available on this product.

SENSITIZATION: No data available on this product.

NEUROTOXICITY: No data available on this product.

GENETIC EFFECTS: No data available on this product.

REPRODUCTIVE EFFECTS: No data available on this product.

TARGET ORGANS: 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.

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

BIOACCUMULATION/ACCUMULATION: No data available on this product.

DISTRIBUTION: No data available on this product.

Notes: No data available on this product.

CHEMICAL FATE INFORMATION: No data available on this product.

13. DISPOSAL CONSIDERATIONS

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

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14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: LIMITED QUANTITY

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Adhesives containing flammable liquids (contains VM&P Naphtha Light Petroleum, Propyl Acetate), LTD QTY.

UN NUMBER: 1133

PACKING GROUP: II

AIR (ICAO/IATA)

SHIPPING NAME: Consumer Commodity, ID8000.

PRIMARY HAZARD CLASS/DIVISION: 3

SPECIAL PROVISIONS: < 30 kg Gross Wt: Consumer Commodity, Class 9, ID8000.

VESSEL (IMO/IMDG)

SHIPPING NAME: Adhesives containing flammable liquids (contains VM&P Naphtha, Light Petroleum, Propyl Acetate), LTD QTY's, UN1133, 3, II

MARINE POLLUTANT #1: No data available on this product.

MARINE POLLUTANT #2: No data available on this product.

COMMENTS: EXCEPTED QUANTITY (IP not more than 30 mL, PKG not more than 1 L).

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

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

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
n-Propyl acetate	109-60-4

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

CALIFORNIA PROPOSITION 65: WARNING: This product contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm. Ethylbenzene (CAS 100-41-4, <0.03%), Benzene (CAS 71-43-2, <0.03%), Toluene (CAS 108-88-3, <0.02%).

CANADA

WHMIS HAZARD SYMBOL AND CLASSIFICATION

Flammable
Liquid

Toxic

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WHMIS CLASS: Class B2- Flammable Liquids.
 Class D2B - Toxic Materials.

16. OTHER INFORMATION

TITLE: Regulatory Affairs Manager

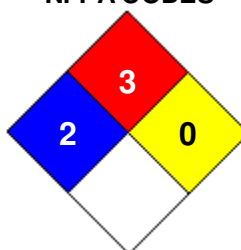
PREPARED BY: Mary Robles Date-Revised: 3/19/2015

REVISION SUMMARY: This MSDS replaces the 1/9/2015 MSDS. Revised: **Section 1: GENERAL USE. Section 15: CALIFORNIA PROPOSITION 65.**

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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