SAFETY DATA SHEET

Date Prepared : 04/28/2015
MSDS No : 11730039_PT15
Date-Revised : 02/07/2018
Revision No : 10

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: ZIP-KICKER 2OZ AERO

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 4
Aspiration Hazard, Category 1
Specific Target Organ Toxicity Single Exposure, Category 3
Reproductive Toxicity, Category 2
Specific Target Organ Toxicity (Repeated Exposure), Category 2

Environmental:

Chronic Hazards to the Aquatic Environment, 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

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H222: Extremely flammable aerosol.
H301: Toxic if swallowed.
H304: May be fatal if swallowed and enters airways.
H311: Toxic in contact with skin.
H331: Toxic if inhaled.

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H350: May cause cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
H361: Suspected of damaging fertility or the unborn child (state specific effect if known)(state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
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)

Prevention:

P11: Restricted to professional users.
P210: Keep away from heat/sparks/open flames/hot surfaces. - 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 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.

Response:

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.
P331: Do NOT induce vomiting.

Storage:

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

Disposal:

P501: Dispose of contents/container to an approved waste disposal plant.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
VM & P Naphtha	80 - 100	64742-89-8
Propane/Isobutane	1 - 30	68476-86-8
N,N-DIMETHYL-P-TOLUIDINE	6 - 12	99-97-8
Bitrex	< 1	3734-33-6
Fragrance	< 1	

COMMENTS: Naphtha ingredient contains less than 0.1% by weight of benzene or benzol (CAS 71-43-2). Product contains a bittering agent to discourage ingestion.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with large quantities of water for several minutes, while holding eyelids apart. Remove contact

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lenses if easy to do so. Continue rinsing. Get medical attention if irritation or bonding occurs.

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

INGESTION: If swallowed, seek medical advice immediately and show this container or label.

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

EYES: Causes eye irritation.

SKIN: Substance causes moderate skin irritation.

INGESTION: Toxic by inhalation, in contact with skin, and if swallowed.

INHALATION: Signs and symptoms of excessive exposure may be central nervous system effects such as sleepiness and unconsciousness.

ACUTE EFFECTS: Avoid exposure to vapor concentration in confined areas.

CHRONIC EFFECTS: Toxic by inhalation, in contact with skin, and if swallowed.

ADDITIONAL INFORMATION: Product contains a bittering agent to discourage ingestion via drinking.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

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.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb liquid and place in sealed container for disposal. Vapors can travel to an ignition source.

LARGE 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.

7. HANDLING AND STORAGE

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

HANDLING: Avoid contact with skin and eyes. Wash thoroughly after handling.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
	EXPOSURE LIMITS			
Chemical Name	**Type**		**ppm**	**mg/m³**
VM & P Naphtha	**OSHA PEL**	**TWA**	500	
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: Use only in a well-ventilated area. In case of insufficient ventilation, wear suitable respiratory equipment. Recommended: Full-face NIOSH-approved respirator with organic vapor cartridge.

WORK HYGIENIC PRACTICES: Wash thoroughly after handling.

OTHER USE PRECAUTIONS: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: FLAMMABLE LIQUID

ODOR: Hydrocarbon odor.

ODOR THRESHOLD: No data available

APPEARANCE: Clear to pale yellow

pH: No data available

PERCENT VOLATILE: No data available

FLASHPOINT AND METHOD: (57°F) to (64°F) TAG CC

FLAMMABLE LIMITS: 1.0 % to 7.0 %

AUTOIGNITION TEMPERATURE: 320°C (608°F)

VAPOR PRESSURE: 1.5 kPa at 20°C (68°F)

VAPOR DENSITY: 4.18 (Air=1)

BOILING POINT: 118°C (244°F) to 150°C (302°F)

FREEZING POINT: No data available

MELTING POINT: No data available

THERMAL DECOMPOSITION: No data available

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SOLUBILITY IN WATER: Negligible

PARTITION COEFFICIENT: N-OCTANOL/WATER: No data available

EVAPORATION RATE: 1.0 (n-Butyl Acetate=1)

DENSITY: No data available

SPECIFIC GRAVITY: 0.74

VISCOSITY: No data available

MOLECULAR WEIGHT: No data available

(VOC): 770 g/L

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: Stable

CONDITIONS TO AVOID: Avoid temperatures exceeding 100F/38C and incompatible materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxide and other toxic or irritating compounds may form when heated to decomposition.

INCOMPATIBLE MATERIALS: Avoid strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Chemical Name	ORAL LD_{50} (rat)	DERMAL LD_{50} (rabbit)	INHALATION LC_{50} (rat)
VM & P Naphtha	> 5.00 mg/kg (rat)	> 20 mg/l (rat)	> 2.00 mg/kg (rabbit)
N,N-DIMETHYL-P-TOLUIDINE	1650 mg/kg (rat)	> 2000 mg/kg (rat)	498 mL/m3

CARCINOGENICITY

IARC: None known

NTP: None known

OSHA: None known

NOTES:
See section 15 for further information on carcingenicity

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 in a manner consistent with federal, state, and local regulations.

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14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: UN1950, AEROSOLS, FLAMMABLE GAS, CLASS 2.1 (LTD QTY IP VOL LESS THAN OR EQUAL TO 1.0 L)

AIR (ICAO/IATA)

SHIPPING NAME: ID8000 CONSUMER COMMODITY, 9 (IP VOL LESS THAN OR EQUAL TO 30 kg G); or UN1950, AEROSOLS, FLAMMABLE GASS, CLASS 2.1 (LTD QTY IP VOL LESS THAN OR EQUAL TO 1.0 L) *

VESSEL (IMO/IMDG)

SHIPPING NAME: UN1950, AEROSOLS, FLAMMABLE GAS, CLASS 2.1 (LTD QTY, IP VOL LESS THAN OR EQUAL TO 1.0 L) *

COMMENTS: *This product may NOT be shipped as EXCEPTED QUANTITY.

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: No chemicals in this mixture are subject to the reporting requirements of SARA Title III, Section 302

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
VM & P Naphtha	64742-89-8
Propane/Isobutane	68476-86-8
N,N-DIMETHYL-P-TOLUIDINE	99-97-8
Bitrex	3734-33-6
Fragrance	

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

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	6 - 12	Cancer

16. OTHER INFORMATION

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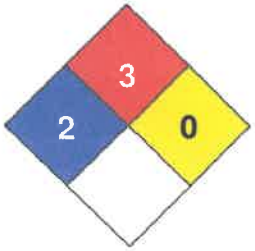
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APPROVED BY: Pacer Technology Regulatory Department
PREPARED BY: Pacer Technology Regulatory Department **Date-Revised:** 02/07/2018
REVISION SUMMARY: This MSDS replaces the 09/26/2017 MSDS. Revised: **Section 9:** (VOC).

HMIS RATING

HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

NFPA CODES



HMIS RATINGS NOTES: Safety glasses and gloves are recommended for usage.

MANUFACTURER DISCLAIMER:

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