

SAFETY DATA SHEET



Date Issued: 07/02/2007
 MSDS No: Zip Kicker aerosol
 Date-Revised: 01/22/2010
 Revision No: 9

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT DESCRIPTION: Zip Kicker, aerosol - PT15, PT50

MANUFACTURER

Pacer Technology
 9420 Santa Anita Avenue
 Rancho Cucamonga CA 91730-6117
Emergency Contact: CHEMTREC
Product Stewardship: 800-424-9300
Alternate Emergency Phone: 703-527-3887
Service Number: 909-987-0550
Alternate Customer Service: 800-538-3091

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	EINECS	Content
Solvent Naphtha, Aliphatic Petroleum	64742-89-8		80 - 100
N,N-DIMETHYL-P-TOLUIDINE	99-97-8	202-805-4	6 - 12
Xylenes (o-,m-,p- isomers)	1330-20-7	--	2 - 6
Ethyl benzene	100-41-4	--	1 - 3
Propane/Isobutane	68476-86-8	--	< 30

COMMENTS: Naptha ingredient contains less than 0.1% by weight of benzene or benzol (CAS 71-43-2).

3. HAZARDS IDENTIFICATION

HAZARD DESIGNATION

"F" - Highly flammable
 R11: Highly flammable.
 "T" - Toxic

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Clear, Colorless liquid

IMMEDIATE CONCERNS: Flammable liquid and vapor. Vapor may cause flash fire. Harmful if swallowed or inhaled. Causes irritation to skin, eyes and respiratory tract. Affects central nervous system.

POTENTIAL HEALTH EFFECTS

EYES: Causes eye irritation.

SKIN: Causes skin irritation. Allergic reactions are possible.

SKIN ABSORPTION: May be absorbed through the skin in harmful amounts.

INGESTION: Harmful if swallowed.

INHALATION: Prolonged inhalation may be harmful.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Causes eye irritation.

SKIN: Substance causes moderate skin irritation.

INGESTION: R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.

SAFETY DATA SHEET



Date Issued: 07/02/2007
 MSDS No: Zip Kicker aerosol
 Date-Revised: 01/22/2010
 Revision No: 9

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

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

CHRONIC EFFECTS: R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.

CARCINOGENICITY: Possible cancer hazard - contains material which may cause cancer based on animal data.

MEDICAL CONDITIONS AGGRAVATED: Pre-existing eye and skin disorders or lung allergies may be aggravated by exposure.

HEALTH HAZARDS: Prolonged or repeated inhalation may cause lung damage and/or central nervous system disturbances.

4. FIRST AID MEASURES

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

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

INGESTION: S46: 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.

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: Contain spill with dike to prevent entry into sewers. Absorb liquid and place in sealed container 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.

GENERAL PROCEDURES: Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

SPECIAL PROTECTIVE EQUIPMENT: S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

7. HANDLING AND STORAGE

SAFETY DATA SHEET



Date Issued: 07/02/2007
MSDS No: Zip Kicker aerosol
Date-Revised: 01/22/2010
Revision No: 9

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

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.

WORK HYGIENIC PRACTICES: Wash thoroughly after handling.

OTHER USE PRECAUTIONS: S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

9. PHYSICAL AND CHEMICAL PROPERTIES

FLASHPOINT AND METHOD: 14 °C (57 °F) TAG CC

FLAMMABLE LIMITS: 1.0 to 7.0

PHYSICAL STATE: Flammable aerosol.

ODOR: Characteristic odor, intensely irritating.

APPEARANCE: Light yellow colored liquid.

VAPOR PRESSURE: 30 mmHg at 38 °C (100 °F)

VAPOR DENSITY: 3.8 (Air=1)

BOILING POINT: 113 °C (235 °F) to 140 °C (284 °F)

SOLUBILITY IN WATER: Negligible

EVAPORATION RATE: 1.2 (n-Butyl Acetate=1)

SPECIFIC GRAVITY: 0.770

VISCOSITY #1: < 10 Centipoise

(VOC): 770.000 g/L

10. STABILITY AND REACTIVITY

STABILITY: Stable.

POLYMERIZATION: Will not occur.

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

SAFETY DATA SHEET



Date Issued: 07/02/2007
 MSDS No: Zip Kicker aerosol
 Date-Revised: 01/22/2010
 Revision No: 9

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

DERMAL LD₅₀: > 4 mL/kg (rat)

ORAL LD₅₀: > 8 mL/kg (rat)

INHALATION LC₅₀: 3400 ppm/4hr (rat)

EYE EFFECTS: Mildly to moderately irritating.

SKIN EFFECTS: Mildly to moderately irritating.

CHRONIC: Can cause severe central nervous system depression (including unconsciousness).

CARCINOGENICITY

IARC: IARC: Ethylbenzene 2B.

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

AIR (ICAO/IATA)

SHIPPING NAME: Consumer Commodity, ID 8000, Class 9 label. "Package Orientation" (Arrows Up), max. per unit 25 KG.G.

VESSEL (IMO/IMDG)

SHIPPING NAME: Aerosols in Limited Quantity.

UN/NA NUMBER: 1950

PRIMARY HAZARD CLASS/DIVISION: 2

NOTE: Aerosol, Class 2, UN1950, Limited quantity (not more than 1 liter).

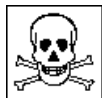
15. REGULATORY INFORMATION

EUROPEAN COMMUNITY

EEC LABEL SYMBOL AND CLASSIFICATION



"F" - Highly flammable
 R11: Highly flammable.



"T" - Toxic
 TOXIC

SAFETY DATA SHEET



Date Issued: 07/02/2007
MSDS No: Zip Kicker aerosol
Date-Revised: 01/22/2010
Revision No: 9

16. OTHER INFORMATION

APPROVED BY: Mary Robles **TITLE:** Regulatory Affairs Manager

REVISION SUMMARY: Revision #: 9. This MSDS replaces the January 17, 2008 MSDS.

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.