


**MATERIAL SAFETY  
DATA SHEET**

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**FOR CHEMICAL EMERGENCY ONLY:** **US & CANADA:** (800) 424-9300 **Int'l & Wash. DC:** (703) 527-3887
**1. PRODUCT****IDENTIFICATION:**

|                   |   |
|-------------------|---|
| <b>Product ID</b> | <b>Zip Kicker, aerosol – PT15, PT50</b> |
|-------------------|---|

**2. COMPOSITION/INGREDIENTS:**

| CHEMICAL NAME          | CAS #      | OSHA PEL | ACGIH TLV | Other Limits       | Wt. %  |
|------------------------|------------|----------|-----------|--------------------|--------|
| VM&P Naphtha           | 64742-89-8 | 300 ppm  | 300 ppm   | TLV/STEL = 400 ppm | 80-100 |
| Dimethyl-p-toluidine   | 99-97-8    | NE       | NE        | NE                 | 6-12   |
| Xylene                 | 1330-20-7  | 200 ppm  | 100 ppm   | TLV/STEL = 150 ppm | 2-6    |
| Ethylbenzene           | 100-41-4   | 100 ppm  | 100 ppm   | TLV/STEL = 125 ppm | 1-3    |
| Hydrocarbon propellant | 68476-86-8 | 800 ppm  | 800 ppm   | NE                 |        |

NOTE: This product contains a bittering agent to discourage ingestion via drinking.

**3. HAZARDS IDENTIFICATION:****Emergency Overview**

|                 | HMIS | NFPA |  |
|-----------------|------|------|--|
| Health          | 2    | 2    | Light straw-colored liquid with a petroleum odor.<br><b>FLAMMABLE LIQUID &amp; VAPOR.</b> May cause temporary dizziness, headache,<br>and possible nausea if used in poorly ventilated area. Solvents may defat skin<br>if contact occurs. <b>KEEP OUT OF REACH OF CHILDREN.</b> |
| Flammability    | 3    | 3    |  |
| Reactivity      | 0    | 0    |  |
| Physical Hazard | B    | 0    |  |

|                                   |   |   |             |                  |
|-----------------------------------|---|---|-------------|------------------|
| <b>Toxicity</b>                   | Prolonged or repeated skin contact may cause dermatitis in sensitive individuals. |   |             |                  |
| <b>Primary routes of entry</b>    | <b>Inhalation</b>   | <b>Skin</b>   | <b>Eyes</b> | <b>Ingestion</b> |
|                                   | X   | X   |             |                  |
| <b>Signs/Symptoms of Exposure</b> | <b>Inhalation</b>   | Temporary dizziness, headache, possible nausea with poor ventilation. Chronic - may cause unconsciousness, aspiration pneumonitis with coughing, labored breathing & cyanosis (bluish skin); in extreme/severe cases death may occur. |             |                  |
|                                   | <b>Skin</b>   | Slight irritation.  |             |                  |
|                                   | <b>Eyes</b>   | Irritation.   |             |                  |
|                                   | <b>Ingestion</b>  | May be harmful if swallowed.  |             |                  |

**4. FIRST AID MEASURES:**

|                   |  |
|-------------------|--|
| <b>Inhalation</b> | Remove to fresh air. Perform artificial respiration if breathing is difficult and get medical attention.   |
| <b>Skin</b>       | Remove contaminated clothing and wash affected areas with soap & water. Prolonged or repeated contact may cause dermatitis in sensitive individuals. |
| <b>Eyes</b>       | Immediately flush eye with large amounts of water for 15 minutes. Contact a physician immediately.   |
| <b>Ingestion</b>  | Do not induce vomiting. Get immediate medical attention.   |

**5. FIRE FIGHTING MEASURES: FLASH POINT: -156 °F/-104 °C LEL: NE UEL: NE**

|   |   |
|---|---|
| <b>Extinguishing Media</b>              | Dry chemical, foam or carbon dioxide, water fog. Do not use direct stream of water as product may reignite on was surface.  |
| <b>Special Fire Fighting Procedures</b> | Gas fires should not be extinguished unless the gas flow can be stopped immediately. All the fire to burn itself out. Cool equipment & surfaces with water to prevent over-heating, flash-backs, or explosions. Firefighters should wear self-contained breathing apparatus. Water can be used to cool fire-exposed containers. |
| <b>Hazardous Products of Combustion</b> | Carbon monoxide, carbon dioxide, and unidentified organic compounds.  |



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**5. FIRE FIGHTING MEASURES: (cont.)**

|                                       |   |
|---------------------------------------|---|
| <b>Unusual Fire/Explosion Hazards</b> | Keep away from heat, sparks, and open flames. Vapors can cause a flash fire. Vapors may also ignite explosively. Vapors may settle in low areas or travel some distance along ground or surface to ignition sources where they may ignite or explode. Cool exposed containers to prevent vapor pressure buildup, which could result in container rupture. |
|---------------------------------------|---|

**6. ACCIDENTAL RELEASE MEASURES:**

|                         |  |
|-------------------------|--|
| <b>Spill Procedures</b> | Remove all sources of ignition and provide ventilation. Soak up with inert absorbent. Large spills may be scooped up with non-sparking tools. Place absorbed material and water run-off into container for disposal. |
|-------------------------|--|

**7. HANDLING AND STORAGE:**

|                 |  |
|-----------------|--|
| <b>Handling</b> | Use in a well-ventilated area. Do not breathe spray mist. Avoid eye and skin contact. Wash hands well with soap & water after use. Keep container tightly closed when not in use. Ground container and use non-sparking tools when transferring product. Do not cut, puncture, or weld on or near empty container. |
| <b>Storage</b>  | Store in a cool location away from heat, sparks and flame sources. Spray mist and vapors are flammable. <b>CONTENTS UNDER PRESSURE.</b> Avoid prolonged exposure to sunlight, heat, from radiators, stoves, hot water or other heat sources that may cause bursting.   |

**8. EXPOSURE CONTROL/PERSONAL PROTECTION:**

| EYES                                      | SKIN                  | VENTILATION                                | OTHER  |
|---|-----------------------|--|--|
| Safety glasses/goggles with side shields. | Rubber gloves, apron. | Fresh air source or mechanical, as needed. | NIOSH-approved vapor canister respirator to maintain exposure below TLV, in poorly ventilated areas. Safety shower and eye bath should be available. |

**9. PHYSICAL & CHEMICAL PROPERTIES:**

|  |   |  |
|--|---|--|
| <b>Appearance:</b><br>Light straw-colored liquid.            | <b>Odor:</b><br>Petroleum-like odor.              | <b>Boiling Point:</b><br>235-284 F (113-140 C) |
| <b>Specific Gravity (H<sub>2</sub>O=1):</b><br>0.77          | <b>Solubility in Water:</b><br>Negligible.        | <b>Melting Point:</b><br>NE                    |
| <b>Vapor Density (Air=1):</b><br>3.8/liquid                  | <b>Vapor Pressure (mm Hg):</b><br>30@ 100F/liquid | <b>Evaporation Rate (Butyl acetate=1):</b> 1.2 |
| <b>Volatile Organic Compounds-VOC (less exempt):</b> 770 g/L |   |  |

**10. STABILITY & REACTIVITY:**

|  |   |
|--|---|
| <b>Stable:</b> <input checked="" type="checkbox"/> yes <input type="checkbox"/> no | <b>Hazardous Polymerization:</b> <input type="checkbox"/> may occur <input checked="" type="checkbox"/> may not occur |
| <b>Incompatible materials:</b>   | Strong oxidizing agents.  |
| <b>Conditions to avoid:</b>  | Heat, sparks, flames, ignition sources and incompatibles.   |
| <b>Hazardous decomposition products:</b>   | Carbon monoxide, carbon dioxide and unidentified organic compounds may be formed during combustion.                   |

**11. TOXICOLOGICAL INFORMATION:** Repeated or prolonged skin contact may cause dermatitis in sensitive individuals.

**12. ECOLOGICAL INFORMATION:** Possible water pollutant – avoid release to water drainage systems.

**13. DISPOSAL CONSIDERATIONS:**

|   |
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| Dispose of product, water flush & used containers as hazardous waste in accordance with local, state and federal regulations. |
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**14. SHIPPING:**

|                 |  |
|-----------------|--|
| <b>DOT</b>      | CONSUMER COMMODITY ORM-D, ID8000.  |
| <b>IATA</b>     | CONSUMER COMMODITY, ID8000, 9, label Package Orientation (Arrows Up). Max per unit 30 KG. G. |
| <b>IMO/IMDG</b> | AEROSOLS, LTD QTY'S, UN1950, 2.1.  |

**15. REGULATORY INFORMATION:**

**TSCA Status:** All ingredients in this product are listed, or are exempt, for the TSCA Inventory list.

**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, 1-3%)

**Other:** Ingredients subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:  
Xylene (CAS 1330-20-7), Ethylbenzene (CAS 100-41-4)

**16. OTHER INFORMATION:****Abbreviations used in this document:**

**NA** = not applicable

**NE** = not established

**HMIS, B** = Safety glasses and gloves are recommended.

**Preparation date:** 11/04/13

**Revision number:** 11

**Prepared by:** Mary Robles, Regulatory Affairs Manager

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