



## PB Penetrating Catalyst

MSDS Number: PB - Aerosol

Revision Date: 10/16/13

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### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** PB Penetrating Catalyst  
**Revision Date:** 10/16/13  
**MSDS Number:** PB - Aerosol  
**Common Name:** PB Blaster  
**Product Code:** 16-PB, 8-PB, 8-PBS, PBTS, 20-PB

**Manufacturer:** The Blaster Corporation  
8500 Sweet Valley Drive  
Valley View, Ohio 44125  
  
(216) 901-5800  
(216) 901-5801 fax  
www.blasterproducts.com

**24 Hour emergency contact:** Chemtrec (800) 424-9300  
customer #: 2847

### 2 COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous Ingredients                | CAS #      | Percent | Exposure Limits                           |
|--------------------------------------|------------|---------|---|
| Dinonylphenol ethoxylated phosphated | 39464-64-7 | 0-3%    | OSHA (TWA)- N/E<br>ACGIH (TWA)- N/E       |
| Solvent Naphtha, Heavy Aromatic**    | 64742-94-5 | 40-50%  | OSHA (TWA)- N/E<br>ACGIH (TWA)- N/E       |
| Heavy Petroleum Distillate***        | 64742-65-0 | 20-30%  | OSHA (TWA)-N/E<br>ACGIH (TLV)- N/E        |
| Hydrotreated Light Distillate        | 64742-47-8 | 30-40%  | OSHA (TWA)- N/E<br>ACGIH (PEL)- 500 ppm   |
| Carbon Dioxide (propellant)          | 124-38-9   | 1-5%    | OSHA (TWA) 5000ppm<br>ACGIH (TWA) 5000ppm |

\*\* Aromatic Naphtha contains 1-7 % Naphthalene (91-20-3) and 0-1% Pseudocumene (95-63-6)  
\*\*\* Contains Naphthenic Oil 64742-53-6

### 3 HAZARDS IDENTIFICATION

**Route of Entry:** Eyes, skin, inhalation, ingestion  
**Target Organs:**  
**Inhalation:** Inhalation of spray mist may cause irritation to the respiratory tract. May aggravate pre-existing respiratory disorders.  
**Skin Contact:** Repeated or prolonged contact with skin may cause mild irritation and possibly dermatitis. May aggravate pre-existing skin disorders.



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**Eye Contact:** Likely to cause immediate or delayed irritation. Irritation will show as redness and/or swelling of the eyes.

**Ingestion:** Ingestion may cause irritation to the mouth, esophagus and stomach.

**Aerosols:** Sudden release of pressure could produce projectiles and atomized combustible liquid.

**Notice:** Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

### 4 FIRST AID MEASURES

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Continue to monitor. Get medical attention.

**Skin Contact:** Remove contaminated clothing immediately! Wash skin with soap and water. If irritation develops, seek medical attention.

**Eye Contact:** Flush eye(s) with water for 15 minutes. Get medical attention. If eye irritation persists, obtain medical treatment.

**Ingestion:** Do not induce vomiting! Get medical attention immediately!

### 5 FIRE FIGHTING MEASURES

**Flash point:** 150°F (TCC) minimum

**Extinguishing Media:** Dry chemical, carbon dioxide or foam is recommended. Water may be ineffective for extinguishment, but can be useful in minimizing or dispersing vapors, protecting personnel and cooling containers. If containers are not properly cooled they can rupture in the heat of a fire. Avoid spreading burning liquid with water used for cooling purposes.

**Unusual Fire & Expulsion Hazards:** Level 3 Aerosols - Contents Under Pressure!

### 6 ACCIDENTAL RELEASE MEASURES

Eliminate all sources of ignition and ventilate the area. See section 8 for the appropriate personal protection. Aerosol cans should be handled with caution. Sudden release of pressure could produce projectiles and atomized combustible liquid. Leaking aerosol cans should be put into suitable container until the internal pressure has dissipated. Take precautions to prevent contamination of ground and surface waters. Do not flush into sewers or storm drains. Use suitable absorbents to collect liquid product. Consult regulations for the proper disposal of the container, liquid and absorbents.

### 7 HANDLING AND STORAGE

**Handling Precautions:** Use in accordance with good industrial workplace practices. Avoid unnecessary contact. Wash thoroughly after handling. Use with good ventilation.

**Storage Requirements:** Store in a dry place away from excessive heat. Store containers with lids on and properly labeled.

Do not store at temperatures above 120 degrees F.



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### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Eye wash stations and emergency showers should be immediately available.

**Protective Equipment:**

**Eyes and Face:** Standard safety glasses with splash shields typically offer adequate protection. Where excessive splashing or spraying is possible, a face shield should be used.

**Skin and clothing:** Excessive contact should be avoided. Neoprene gloves, boots and aprons will provide adequate protection when contact cannot be avoided. Remove and wash any contaminated clothing immediately. Wash thoroughly after handling.

**Respiratory:** Good general ventilation should be sufficient to control airborne levels. Maintain airborne concentrations below OSHA established exposure limits of ingredients in Section 2. Use a NIOSH approved respirator if ventilation is not adequate to maintain exposures below TLV levels.

**Exposure Guidelines/Other:** The Blaster Corporation takes no responsibility for determining what measures are required for personal protection in any specific application. This information should be used with discretion.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

|                               |                     |                              |                  |
|-------------------------------|---------------------|------------------------------|------------------|
| <b>Appearance:</b>            | Orange viscous oily | <b>Boiling Point:</b>        | 352 F            |
| <b>Physical State:</b>        | Liquid              | <b>Freezing/Melting Pt.:</b> | Not determined   |
| <b>Odor:</b>                  | Heavy aromatic      | <b>Solubility:</b>           | nil              |
| <b>pH:</b>                    | Not determined      | <b>Spec Grav./Density:</b>   | 0.91 (water = 1) |
| <b>Vapor Pressure:</b>        | Not determined      |                              |                  |
| <b>Vapor Density:</b>         | >1 (air = 1)        |                              |                  |
| <b>Heat Value:</b>            | Not determined      |                              |                  |
| <b>VOC:</b>                   | <50%                |                              |                  |
| <b>Evap. Rate:</b>            | <1 (NBA = 1)        |                              |                  |
| <b>Bulk Density:</b>          | Not determined      |                              |                  |
| <b>Octanol:</b>               | Not applicable      |                              |                  |
| <b>Molecular Weight:</b>      | Not determined      |                              |                  |
| <b>Particle Size:</b>         | Not applicable      |                              |                  |
| <b>Softening Point:</b>       | Not applicable      |                              |                  |
| <b>Viscosity:</b>             | Not determined      |                              |                  |
| <b>Percent Volatile:</b>      | Not determined      |                              |                  |
| <b>Sat. Vap. Concentrat.:</b> | Not determined      |                              |                  |
| <b>Molecular Formula:</b>     | Not determined      |                              |                  |

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### 10 STABILITY AND REACTIVITY

|  |  |
|--|--|
| <b>Stability:</b>                            | This product is stable.  |
| <b>Conditions to avoid:</b>                  | Avoid excessive heat, sources of ignition and excessive water.   |
| <b>Materials to avoid (incompatibility):</b> | Avoid contact with strong oxidizing agents and strong reducing agents (strong acids or bases.) Avoid mixture with water. |
| <b>Hazardous Decomposition products:</b>     | Carbon monoxide, carbon dioxide, and various hydrocarbons.   |
| <b>Hazardous Polymerization:</b>             | Will not occur.  |

### 11 TOXICOLOGICAL INFORMATION

#### Hydrotreated Light Distillates 64742-47-8

##### ACUTE STUDIES

EYE EFFECTS Slight irritation on contact.

SKIN EFFECTS May cause irritation or dermatitis with prolonged and repeated contact.

ACUTE ORAL EFFECTS Tests on similar materials indicate an order of acute oral toxicity.

ACUTE INHALATION EFFECTS Acute toxicity expected on inhalation.

This product is not listed as carcinogenic or a potential carcinogen by the National Toxicology Program, by the I.A.R.C. monographs or by OSHA. Therefore, if the precautions outlined in this bulletin are followed to minimize repeated or prolonged skin contact which could cause irritation, these oils should pose no carcinogenic hazard to humans. Prolonged repeated skin contact with low viscosity materials may defat the skin resulting in possible irritation and dermatitis. Nevertheless, good industrial hygienic practices are recommended.

#### Heavy Petroleum Distillate 64742-65-0

Contains: Naphthenic Oil 64742-53-6

INHALATION: Will not produce vapors unless heated to temperatures of ~300 F.<sup>o</sup>

EYE CONTACT: Irritating, but will not permanently injure eye tissue.

SKIN CONTACT: Prolonged or repeated contact may cause skin irritation.

INGESTION: Small amounts (tablespoonful) swallowed are not likely to cause injury. Larger amounts may cause nausea and vomiting. Consult a physician promptly.

CHRONIC (CANCER) INFORMATION: IARC Monographs state that when laboratory animals are exposed to severely hydrotreated oils, such as these product(s), there is insufficient evidence for cancer. Thus, these oils are Unlabeled in accordance with 29 CFR 1910.1200.

Median Lethal Dose (LD50 LC50) (Species)

Oral: Believed to be >5g/kg (rat); practically non-toxic

Inhalation: Not Determined

Dermal: Believed to be >3 g/kg (rat); practically non-toxic.

Irritation Index Estimation of Irritation (Species).

Skin: Believed to be <0.5/8.0 (rabbit); no appreciable effect

Eyes: Believed to be <15/110 (rabbit); no appreciable effect

Sensitization: Not Available

Other: None

#### Aromatic Petroleum Distillates 64742-94-5

Over exposure to naphthalene, a minor component in heavy aromatic naphtha may cause skin, eye and respiratory tract irritation, anemia, loss of vision, nervous system effects and kidney and thymus damage. Also exposure to naphthalene has produced "respiratory tract" tumors in laboratory animals. IARC list Naphthalene as Group 2B (possibly carcinogenic to humans).



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|                                |            |     |   |
|--------------------------------|------------|-----|---|
| Heavy Aromatic Solvent Naphtha | 64742-94-5 |     |   |
| Naphthalene                    | 91-20-3    | 1-7 | OSHA (TWA): 10 ppm<br>ACGIH (TWA): 10 ppm |
| Pseudocumene                   | 95-63-6    | 0-1 |   |

### Dinonylphenol, ethoxylated, phosphated 39464-64-7

INHALATION: : Irritating

EYE CONTACT: Irritating, but will not permanently injure eye tissue.

SKIN CONTACT: Prolonged or repeated contact may cause skin irritation.

INGESTION: May cause irritation.

CHRONIC (CANCER) INFORMATION: Not listed

No known long term effects.

## 12 ECOLOGICAL INFORMATION

Ecological studies have not been conducted for this product.

## 13 DISPOSAL CONSIDERATIONS

If this product becomes a waste, it would be expected to meet the criteria of a RCRA hazardous waste for the characteristic of ignitability with a waste code of D001. (See 40 CFR Part 261.20 - 261.33) It is the responsibility of the generator to determine at the time of disposal the proper classification and method of disposal

Aerosol containers should be emptied and depressurized before disposal. Empty containers may be recycled.

All disposal activities must comply with federal, state and local regulations. Local regulations may be more stringent than state or national requirements.

## 14 TRANSPORT INFORMATION

**DOT and IMDG Shipping Description:** UN1950, Aerosols, 2.1, LTD QTY

The Blaster Corporation does not recommend shipping their aerosol products by air.



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### 15 REGULATORY INFORMATION

**Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) 103 Reportable Quantity:** This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**Superfund Amendments Reauthorization Act (SARA TITLE) III:**

**Hazard Category For Section 311/312:** Acute Health, Fire Hazard, Sudden Release of Pressure

**Section 313 Toxic Chemicals:** This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

Section 302 Extremely Hazardous Substances (TPQ): None

**EPA Toxic Substances Control Act (TSCA) Status:** All of the components of this product are listed on the TSCA inventory.

**California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):** This product contains a chemical known to the State of California to cause cancer.

**VOC Regulations:** This product complies with the consumer product VOC limits of CARB, the US EPA and states adopting the OTC VOC rules.

**Consumer Product Safety Act General Conformity Certification:** This product was evaluated by The Blaster Corporation, and is certified to be in compliance with the provisions of the Consumer Product Safety Act, the Federal Hazardous Substances Act and the Poison Prevention Packaging Act, as applicable. This product was manufactured at the location listed in Section 1 of this MSDS. The date of manufacture is stamped on the product container. No testing is required to certify compliance with the above.

### 16 OTHER INFORMATION

**Manufacturer's Disclaimer:**

To the best of our knowledge, the information contained herein is accurate. However, neither The Blaster Corporation nor any of its subsidiaries assumes any liability whatsoever 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 hazard which exists.

**HMIS Ratings:**

Health: 2  
Fire: 2  
Reactivity: 0

**NFPA Ratings:**

Health: 2  
Fire: 2  
Reactivity: 0