

# MSDS Material Safety Data Sheet

The Blaster Chemical Companies, Inc.



## PB Penetrating Catalyst

MSDS Number: PB - Aerosol

Revision Date: 3/13/06

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### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** PB Penetrating Catalyst  
**Revision Date:** 3/13/06  
**MSDS Number:** PB - Aerosol  
**Common Name:** PB Blaster  
**Product Code:** 16-PB, 8-PB, 8-PBS, PBTS, 20-PB, 26-PB

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

### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

| Cas #    | Chemical Name                             | Perc.  |
|----------|---|--------|
| 64742945 | Solvent naphtha, petroleum, heavy arom.** | 40-50% |
| 64742478 | Distillates, petroleum, hydrotreated lig  | 30-40% |
| 64742650 | Distillates, petroleum, solvent-dewaxed   | 20-30% |
| 68131408 | Alcohols, C11-15-secondary, ethoxylated   | 0-3%   |
| 124389   | Carbon dioxide (propellant)               | 0-3%   |

\*\* solvent naphtha contains 1-7% Napthalene (91-20-3) and 0-1% Pseudocumene (95-63-6)

### 3 HAZARDS IDENTIFICATION

**Route of Entry:** Eyes, skin, inhalation, ingestion  
**Target Organs:**  
**Inhalation:** Inhalation of spray mist may cause irritation to the respiratory tract.  
**Skin Contact:** Repeated or prolonged contact with skin may cause mild irritation and possibly dermatitis.  
**Eye Contact:** Likely to cause immediate or delayed irritaion. Irritation will show as redness and/or swelling of the eyes.  
**Ingestion:** Ingestion may cause irritation to the mouth, esophagus and stomach.

May aggravate pre-existing skin and respiratory disorders.

**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.



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### 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:** 155°F ASTM D-56 (TCC)

**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

Leaking aerosol cans should be put into suitable container until the internal pressure has dissipated. Use suitable absorbents to collect liquid product. Consult regulations for the 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.

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



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### 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>   | 0.87 (water = 1) |
| <b>Vapor Pressure:</b> | Not determined      |                              |                  |
| <b>Vapor Density:</b>  | >1 (air = 1)        |                              |                  |

|                               |                |
|-------------------------------|----------------|
| <b>Heat Value:</b>            | Not determined |
| <b>VOC:</b>                   | Not determined |
| <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 |

### 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

Toxicological information on this product as a mixture has not been determined. See section 15 for reportable ingredients.

### 12 ECOLOGICAL INFORMATION

Ecological information on this product as a mixture has not been determined.

### 13 DISPOSAL CONSIDERATIONS

Used or unused product should be disposed of in accordance with local, state, and federal regulations. Some special regulations may exist for the disposal of empty aerosol containers.

Empty containers may contain residual pressure and contents. They should be handled with the same precautions as the product.

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### 14 TRANSPORT INFORMATION

#### Dept. of Transportation (DOT):

This product, as it leaves Blaster's facilities, meets the definitions set forth in CFR 49 part 173.150c as a "consumer commodity." Allowing for certain exceptions (173.156) for domestic surface (ground) shipments.

**Proper shipping name:** Consumer Commodity

**Hazard class:** ORM-D

#### International (IMDT-IATA):

**Proper shipping name:** Aerosols, Limited Quantities

**Hazard class:** 2 Flammable Compressed Gas

**UN Number:** 1950

### 15 REGULATORY INFORMATION

#### COMPONENT / (CAS/PERC) / CODES

\*Carbon dioxide (propellant) (124389 0-3%) MASS, OSHAWAC, PA, TXAIR

\*Distillates, petroleum, solvent-dewaxed heavy paraffinic (64742650 20-30%) NJHS

\*Naphthalene (91203 0-1%) CERCLA, CSWHS, EPCRAWPC, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, SARA313, TOXICPOL, TOXICRCRA, TXAIR, TXHWL

\*Pseudocumene (95636 0-1%) MASS, NJHS, PA, SARA313, TXAIR

#### REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List

OSHA = OSHA Workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

TXAIR = TX Air Contaminants with Health Effects Screening Level

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### OTHER INFORMATION

#### Manufacturer's Disclaimer:

To the best of our knowledge, the information contained herein is accurate. However, neither The Blaster Chemical Companies 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

END OF MSDS DOCUMENT