

MSDS Material Safety Data Sheet

The Blaster Corporation



PB Penetrating Catalyst

MSDS Number: PB - bulk

Revision Date: 11/15/10

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1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: PB Penetrating Catalyst
Revision Date: 11/15/10
MSDS Number: PB - bulk
Common Name: PB Blaster
Product Code: 128-PB, 5-PB & 55-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

2 COMPOSITION/INFORMATION ON INGREDIENTS

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

** 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.
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.

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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.

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.

6 ACCIDENTAL RELEASE MEASURES

In case of spill or release, avoid vapors and ignition sources. Use appropriate protective devices and absorbents. Stop and contain the discharge if it can be done safely. Keep out of drains and waterways. Handle with trained personnel only. Notify authorities as required by law.

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:
Protective Equipment:

Eye wash stations and emergency showers should be immediately available.

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

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

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10 STABILITY AND REACTIVITY

Stability:	This product is stable.
Conditions to avoid:	Avoid excessive heat, sources of ignition and excessive water.
Materials to avoid (incompatibility):	Avoid contact with strong oxidizing agents and strong reducing agents (strong acids or bases.) Avoid mixture with water.
Hazardous Decomposition products:	Carbon monoxide, carbon dioxide, and various hydrocarbons.
Hazardous Polymerization:	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.°

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

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

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

Not regulated as a hazardous material.

Please contact The Blaster Corporation for clarification or questions regarding proper shipping information.

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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 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 exist.

HMIS Ratings:

Health: 2
Fire: 2
Reactivity: 0

NFPA Ratings:

Health: 2
Fire: 2
Reactivity: 0

END OF MSDS DOCUMENT