

MATERIAL SAFETY DATA SHEET



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DATE PREPARED: 03/01/2001
MSDS No: PB Aerosol

PB Penetrating Catalyst - part #'s: 16-PB, 8-PB, 8-PBS

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PB Penetrating Catalyst - part #'s: 16-PB, 8-PB, 8-PBS

MANUFACTURER:

The Blaster Chemical Companies
Blaster
8500 Sweet Valley Drive
Valley View, OH 44125
Customer Service: (800) 858-6605

24 HR. EMERGENCY TELEPHONE

NUMBERS:

CHEMTREC (800) 424-9300
Emergency Contact: CHEMTREC
Emergency Phone (800) 424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

	wt. %	CAS Registry #
Dipropylene glycol methyl ether	0 - 10	34590-94-8
Heavy Aromatic Naptha Solvent	50 - 70	64742-94-5
Alkyloxypolyethyleneoxyethanol	1 - 10	68131-40-8
Petroleum Distillates	20 - 30	64742-57-0
Carbon Dioxide	0 - 2	124-38-9

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

	EXPOSURE LIMITS		Supplier
	OSHA PEL	ACGIH TLV	
Dipropylene glycol methyl ether	100 ppm	100 ppm	
Heavy Aromatic Naptha Solvent		400 ppm	
Alkyloxypolyethyleneoxyethanol		not established	
Petroleum Distillates	5 mg/m3	5 mg/m3	
Carbon Dioxide	5000 ppm	5000 ppm	

COMMENTS:

The criteria for listing components in this section are as follows:

Carcinogens are listed if present at 0.1% or greater

OSHA hazardous ingredients are listed if present at 1.0% or greater

Non-Hazardous ingredients may be listed if present at 5.0% or greater

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES:

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



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SKIN:

Repeated or prolonged contact with skin may produce irritation, dryness, or dermatitis.

INGESTION:

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

INHALATION:

Inhalation of spray mist may cause irritation to the respiratory tract.

ACUTE EFFECTS:

Irritation of the eyes, nose, throat, digestive tract. Diarrhea, vomiting, nausea, and / or nervous system depression. (Headaches, drowsiness, dizziness.)

MEDICAL CONDITIONS AGGRAVATED:

May aggravate pre-existing skin and respiratory disorders.

PHYSICAL HAZARDS:

Aerosol containers are pressurized (even when empty!) Do not expose to temperatures above 120 degrees Fahrenheit. Do not puncture or burn can. Failure to observe these precautions may result in a rapid and violent decompression of the container producing projectiles and atomization of the liquid contents.

COMMENTS:

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

EYES:

Flush with plenty of clear water. Seek medical attention.

SKIN:

Remove contaminated clothing immediately. Wash skin with soap and water. If irritation develops, seek medical attention

INGESTION:

Wash mouth immediately. If conscious, give exposed individual 6 to 8 ounces of liquid. Do NOT induce vomiting unless advised by physician. Seek medical attention immediately.

INHALATION:

Remove to fresh air. Seek medical attention.

5. FIRE FIGHTING MEASURES

Flashpoint and Method: 152. F TAG CC



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GENERAL HAZARD:

This material can be ignited by heat, sparks, flames, or other sources of ignition (static electricity.) Vapors are heavier than air and will collect in low areas (sewers) or travel considerable distances to a source of ignition. If containers are not cooled in a fire, they may ignite and explode.

EXTINGUISHING MEDIA:

Dry chemical, carbon dioxide, halon, or foam is recommended. Water spray may be used to cool containers or structures. Halon may decompose into toxic materials and carbon dioxide will displace oxygen. Take proper precautions when using these materials.

HAZARDOUS COMBUSTION PRODUCTS:

Thermal decomposition in the presence of air may yield, carbon monoxide, carbon dioxide, and various hydrocarbons.

FIRE FIGHTING PROCEDURES:

Emergency responders in the danger area should wear bunker gear and self-contained breathing apparatus for fires beyond the incipient stage. Wear other protective gear as conditions warrant. Stop leaks, if it can be done with minimal risk. Water spray may be useful in dispersing vapors or cooling equipment and containers. Material will float on water. Avoid spreading fire with water.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL:

Absorb the liquid and scrub the area with detergent and water.

LARGE SPILL:

Avoid vapors and ignition sources. Use appropriate protective equipment. Stop and contain the discharge if it can be done safely. Keep out of drains and water ways. Handle only with trained personnel. Notify authorities as necessary.

GENERAL PROCEDURES:

Dispose of liquid and absorbents in accordance with local, state, and federal law.

7. HANDLING AND STORAGE

GENERAL PROCEDURES:

Use in accordance with good industrial workplace practices. Open containers slowly to relieve pressure

HANDLING:

Avoid unnecessary contact. Wash thoroughly after handling. Do not wear contaminated clothing or shoes.



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STORAGE:

Store in a dry place away from excessive heat. Store containers tightly closed.

Storage Temperature: 120 F maximum

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTION

EYES AND FACE:

Standard safety glasses with splash shields are adequate protection. Where excessive splashing is possible, a face shield should be used.

SKIN:

Excessive contact should be avoided. Neoprene gloves and aprons will provide adequate protection when contact cannot be avoided.

RESPIRATORY:

Good general ventilation should be sufficient to control airborne levels. Maintain airborne concentrations below the established exposure limits of ingredients in Section 2.

PROTECTIVE CLOTHING:

Chemical resistant aprons and boots are suggested when contact with material cannot be avoided. Remove and wash any contaminated clothing immediately.

WORK HYGIENIC PRACTICES:

Wash thoroughly after handling.

OTHER USE PRECAUTIONS:

Eye wash stations and emergency showers should be available.

COMMENTS:

The BLASTER CHEMICAL COMPANIES takes no responsibility for determining what measures are required for personal protection in any specific application. The information provided should be used with discretion.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Odor: Strong Aromatic

Appearance: Translucent, viscous, and oily.

Color: Dark brown/amber

Percent Volatile: 69.10

Vapor Density: >1 (Air = 1)

Boiling Point: 352 to 418 F



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Freezing Point: Not Established
Solubility in Water: Slight
Evaporation Rate: >1 (n-Butyl Acetate=1)
Specific Gravity: .8918 to .9118 (water=1)
(VOC): 5.194 Pounds per gallon
Weight per Volume: 7.515 Pounds per gallon

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

CONDITIONS TO AVOID:

Avoid excessive heat, sources of ignition, and excessive water.

STABILITY:

Stable.

POLYMERIZATION:

Will not occur.

HAZARDOUS DECOMPOSITION:

Carbon monoxide, carbon dioxide, and various hydrocarbons.

INCOMPATIBLE MATERIALS:

Avoid contact with strong oxidizing agents and strong reducing agents (strong acids or bases.)
Avoid mixture with water.

11. TOXICOLOGICAL INFORMATION

COMMENTS:

Toxicological information on this product as a mixture has yet to be determined. See section 15 for reportable ingredients.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA:

No data available. Contact Env. Dept.

ECOTOXICOLOGICAL INFORMATION:

No data available. Contact Env. Dept.



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13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:

Used or unused product should be disposed of in accordance with local, state, and federal regulations.

EMPTY CONTAINER:

Empty containers will contain residual product and should be handled in the same manner as the product. Containers should be returned to a reputable container reconditioner.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

Proper Shipping Name: Consumer Commodity

Hazard Class: ORM-D

NA/UN Number: 1950

NAERG: 126

Other Shipping Information: 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 shipments.

INTERNATIONAL (I.M.O.)

Proper Shipping Name: AEROSOLS, 2, UN1950, EmS#2-13, MFAG 311, LIMITED QUANTITIES

U.S. CUSTOMS HARMONIZATION NUMBER:

3403.19.0000

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

Title III Notes: There are no SARA 313 reportable materials in this product.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: This product has no CERCLA Reportable Quantity. However, release into a waterway may require reporting to the National Response Center.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA Regulatory. This product complies with all TSCA Inventory requirements.

16. OTHER INFORMATION



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Approval date: 03/05/2001

REVISION SUMMARY

New MSDS

HMIS CODES

Fire: 2 Health: 2 Reactivity: 0 Protection: C

MANUFACTURER 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 hazards which exists.
