

HEALTH: 2
FLAMMABILITY: 2
REACTIVITY: 0

MATERIAL SAFETY DATA SHEET
HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA



Page: 1
DATE PREPARED: 26/01/2005
MSDS No: PB Aerosol

PB Penetrating Catalyst - part #'s: 16-PB, 8-PB, 8-PBS, PBTs, 20-PB, 26-PB

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PB Penetrating Catalyst - part #'s: 16-PB, 8-PB, 8-PBS, PBTs, 20-PB, 26-PB

DISTRIBUTOR:
The Blaster Group Pty Ltd
Unit 30, 8 Victoria Street
Castle Hill NSW 2154
Emergency Phone: 02 9894 7360
Customer Service: 02 9894 7360

24 HR. EMERGENCY TELEPHONE NUMBERS:

POISONS INFORMATION CENTRE
PHONE: 13 11 26

2. COMPOSITION/INFORMATION ON INGREDIENTS

	<u>wt. %</u>	<u>CAS Registry #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Dipropylene glycol methyl ether	0 - 10	34590-94-8	100ppm	100ppm
Heavy Aromatic Naptha Solvent	50 - 70	64742-94-5		400ppm
Alkyloxypolyethyleneoxyethanol	1 - 10	68131-40-8		not established
Petroleum Distillates	20 - 30	64742-57-0	5mg/m ³	5mg/m ³
Carbon Dioxide	0 - 2	124-38-9	5000ppm	5000ppm

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.

SKIN:

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

INGESTION:

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

INHALATION:

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

ACUTE EFFECTS:

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

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MEDICAL CONDITIONS AGGRAVATED:

May aggravate existing skin and respiratory disorders.

PHYSICAL HAZARDS:

Aerosol containers are pressurised (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 rapid and violent decompression of the container producing projectiles and atomisation 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: 67°C TAG CC

GENERAL HAZARD:

This material can be ignited by heat, sparks, flames, or other sources of ignition (static electricity). Vapours 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.

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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 vapours 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 vapours and ignition sources. Use appropriate protective equipment. Stop and contain the discharge if it can be done safely. Keep out of drains and waterways. 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.

STORAGE:

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

Storage Temperature: 50°C 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.

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OTHER USE PRECAUTIONS:

Eye wash stations and emergency showers should be available.

COMMENTS:

The Blaster Group Pty Ltd 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	Boiling Point: 178 to 215°C
Specific Gravity: 0.8584 (water=1)	Solubility in Water: Slight
Odour: Strong Aromatic	Evaporation Rate: +1 (n-Butyl Acetate=1)
Appearance: Translucent, viscous, and oily	Specific Gravity: .8918 to .9118 (water=1)
Colour: Dark brown/amber	(VOC): .623g/l
Percent Volatile: 69.10	Vapour Density: +1 (Air=1)

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERISATION: NO

CONDITIONS TO AVOID:

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

STABILITY:

Stable

POLYMERISATION:

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.

ECOTOXICOLOGICAL INFORMATION:

No data available.

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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.

PRODUCT DISPOSAL:

Preferred disposal method is to recycle. Product and absorbents can also be incinerated.

EMPTY CONTAINERS:

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 recycler.

14. TRANSPORT INFORMATION

Proper Shipping Name: UN1950 Aerosols, non Flammable PGIII
Hazard Class: 2.2
UN Number: 1950
NAERG: 126

INTERNATIONAL (I.M.O)

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 Centre.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

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

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16. OTHER INFORMATION

Approval date: 26/01/2005

REVISION SUMMARY

Revision #: 3

This MSDS replaces the July 28, 2003 MSDS. Any changes in information are as follows:

In Section 1

Date Prepared

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 Group Pty. Ltd 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 exist.
