

ITEM: 4LRF8 - Hvy Dty Penetrating Solvent Aerosol

MSDS: D2342

ORDER: 0158359034

LP NUMBER: U878134701

MATERIAL SAFETY DATA SHEET (MSDS)

This MSDS should be attached or kept with the respective product with which it is associated.

SDS - D2342

Associated Grainger Items
4LRF8, 4LRG2

"BLASTER" (R*)

CONFORMS TO OSHA HAZCOM 2012 & NOM-018-STPS-2000 STANDARDS

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER:

PRODUCT NAME: PB PENETRATING CATALYST (AEROSOL)

PRODUCT CODE: 16-PB, 8-PB, 8-PBS, PBTS, 20-PB

1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE:
USE: LUBRICANT

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

NAME/ADDRESS:
THE BLASTER CORPORATION
8500 SWEET VALLEY DRIVE
VALLEY VIEW, OHIO 44125
USA

TELEPHONE NUMBER:
T: (216) 901-5800
F: (216) 901-5801

1.4 EMERGENCY TELEPHONE NUMBER:
EMERGENCY TELEPHONE NUMBER:
CHEMTREC: (800) 424-9300

DATE OF PREPARATION: MAY 26, 2014

VERSION #: 1.0

SECTION 2: HAZARD(S) IDENTIFICATION

2.1 CLASSIFICATION OF THE CHEMICAL ACCORDING TO OSHA HAZCOM 2012:

HAZARD CLASS:
FLAMMABLE AEROSOL 2
GASES UNDER PRESSURE (DISSOLVED GAS)
SERIOUS EYE IRRITATION 2A
CARCINOGENICITY 2
ASPIRATION HAZARD 1

2.2 LABEL ELEMENTS ACCORDING TO OSHA HAZCOM 2012:

HAZARD PICTOGRAM:
FLAME
GAS CYLINDER
EXCLAMATION MARK
HEALTH HAZARD

SIGNAL WORD: DANGER

HAZARD STATEMENT:
FLAMMABLE AEROSOL. CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED.
CAUSES SERIOUS EYE IRRITATION. SUSPECTED OF CAUSING CANCER. MAY BE FATAL
IF SWALLOWED AND ENTERS AIRWAYS.

PREVENTION:
KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES. - NO SMOKING.
DO NOT SPRAY ON AN OPEN FLAME OR OTHER IGNITION SOURCE.

PRESSURIZED CONTAINER:
DO NOT PIERCE OR BURN, EVEN AFTER USE. WASH HANDS THOROUGHLY AFTER HANDLING.
OBTAIN SPECIAL INSTRUCTIONS BEFORE USE. DO NOT HANDLE UNTIL ALL SAFETY
PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD. WEAR PROTECTIVE GLOVES/PROTECTIVE
CLOTHING/EYE PROTECTION/FACE PROTECTION.

RESPONSE:

IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION.

IF IN EYES:
RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF
PRESENT AND EASY TO DO. CONTINUE RINSING.

IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION.

IF SWALLOWED:
IMMEDIATELY CALL A POISON CENTER OR DOCTOR. DO NOT INDUCE VOMITING.

STORAGE:
PROTECT FROM SUNLIGHT. DO NOT EXPOSE TO TEMPERATURES EXCEEDING
50 DEG. C/122 DEG. F. STORE IN A WELL-VENTILATED PLACE. STORE LOCKED UP.

DISPOSAL:
DISPOSE OF CONTENTS AND CONTAINER IN ACCORDANCE WITH ALL LOCAL, REGIONAL,
NATIONAL AND INTERNATIONAL REGULATIONS.

2.3 ADDITIONAL INFORMATION:

HAZARDS NOT OTHERWISE CLASSIFIED: NOT APPLICABLE.

8% OF THE MIXTURE CONSISTS OF INGREDIENT(S) OF UNKNOWN ACUTE TOXICITY.

THIS PRODUCT IS A HAZARDOUS CHEMICAL AS DEFINED BY NOM-018-STPS-2000.

MEXICO CLASSIFICATION:
2

4

0

BLUE = HEALTH
RED = FLAMMABILITY
YELLOW = REACTIVITY
WHITE = SPECIAL

HAZARD RATING:

0 = MINIMAL
1 = SLIGHT
2 = MODERATE
3 = SEVERE
4 = EXTREME

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURES:

INGREDIENT	UN #	H / F / R / *	CAS NO	WT. %
DISTILLATES (PETROLEUM), NOT HYDROTREATED LIGHT AVAILABLE			64742-47-8	50 - 60
SOLVENT NAPHTHA (PETROLEUM), HEAVY AROMATIC	UN1270	NOT AVAILABLE	64742-94-5	20 - 30
DISTILLATES (PETROLEUM), NOT HYDROTREATED HEAVY NAPHTHENIC AVAILABLE			64742-52-5	20 - 30
CARBON DIOXIDE	UN1013	1/0/0	124-38-9	1 - 5
NAPHTHALENE	UN1334/ UN2304	2/2/0	91-20-3	2 - 3
DINONYLPHENOL, ETHOXYLATED, PHOSPHATED		NOT AVAILABLE AVAILABLE	39464-64-7	0.5 - 1.5

THE EXACT PERCENTAGE (CONCENTRATION) OF COMPOSITION HAS BEEN WITHHELD AS
A TRADE SECRET IN ACCORDANCE WITH PARAGRAPH (I) OF SUBSECTION 1910.1200.

* PER NOM-018-STPS-2000

SECTION 4: FIRST - AID MEASURES

4.1 DESCRIPTION OF THE FIRST AID MEASURE:

EYE:
IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST
15 MINUTES. IF EASY TO DO, REMOVE CONTACT LENSES, IF WORN. IF IRRITATION
PERSISTS, GET MEDICAL ATTENTION.

SKIN:
IN CASE OF CONTACT, IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER. REMOVE
CONTAMINATED CLOTHING AND SHOES. WASH CLOTHING BEFORE REUSE. CALL A
PHYSICIAN IF IRRITATION DEVELOPS AND PERSISTS.

INHALATION:
IF BREATHING IS DIFFICULT, REMOVE TO FRESH AIR AND KEEP AT REST IN A
POSITION COMFORTABLE FOR BREATHING. GET MEDICAL ADVICE/ATTENTION IF YOU
FEEL UNWELL.

INGESTION:
IF SWALLOWED, DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL
PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET
IMMEDIATE MEDICAL ADVICE/ATTENTION.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

EYE:
CAUSES SERIOUS EYE IRRITATION. SYMPTOMS MAY INCLUDE DISCOMFORT OR PAIN,
EXCESS BLINKING AND TEAR PRODUCTION, WITH MARKED REDNESS AND SWELLING OF
THE CONJUNCTIVA.

SKIN:
MAY CAUSE SKIN IRRITATION. SYMPTOMS MAY INCLUDE REDNESS, DRYING, DEFATTING
AND CRACKING OF THE SKIN.

INHALATION:
MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. THIS PRODUCT MAY BE ASPIRATED
INTO THE LUNGS AND CAUSE CHEMICAL PNEUMONITIS. MAY CAUSE STOMACH DISTRESS,
NAUSEA OR VOMITING.

INGESTION: MAY CAUSE RESPIRATORY TRACT IRRITATION.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENTS
NEEDED:

NOTE TO PHYSICIANS: SYMPTOMS MAY NOT APPEAR IMMEDIATELY.

SPECIFIC TREATMENTS:
IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY
(SHOW THE LABEL OR SDS WHERE POSSIBLE).

SECTION 5: FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA:

SUITABLE EXTINGUISHING MEDIA: DRY CHEMICAL, CARBON DIOXIDE OR FOAM.

UNSUITABLE EXTINGUISHING MEDIA:
WATER MAY BE INEFFECTIVE FOR EXTINGUISHING FIRE.

5.2 SPECIAL HAZARDS ARISING FROM THE CHEMICAL:

PRODUCTS OF COMBUSTION:

MAY INCLUDE, AND ARE NOT LIMITED TO: OXIDES OF CARBON, HYDROCARBONS.

5.3 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS: KEEP UPWIND OF FIRE. WEAR FULL FIRE FIGHTING TURN-OUT GEAR (FULL BUNKER GEAR) AND RESPIRATORY PROTECTION (SCBA). COOL CLOSED CONTAINERS EXPOSED TO FIRE WITH WATER. DO NOT USE A SOLID WATER STREAM AS IT MAY SCATTER AND SPREAD FIRE. CONTAINERS MAY EXPLODE WHEN HEATED.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: USE PERSONAL PROTECTION RECOMMENDED IN SECTION 8. ISOLATE THE HAZARD AREA AND DENY ENTRY TO UNNECESSARY AND UNPROTECTED PERSONNEL. ELIMINATE SOURCES OF IGNITION.

6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING - UP:

METHODS FOR CONTAINMENT: CONTAIN AND/OR ABSORB SPILL WITH INERT MATERIAL (E.G. SAND, VERMICULITE), THEN PLACE IN A SUITABLE CONTAINER. DO NOT FLUSH TO SEWER OR ALLOW TO ENTER WATERWAYS. USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT (PPE).

METHODS FOR CLEANING-UP: SCOOP UP MATERIAL AND PLACE IN A DISPOSAL CONTAINER. VAPORS MAY BE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND TO A DISTANT IGNITION SOURCE AND FLASH BACK. PROVIDE VENTILATION.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING:

HANDLING: KEEP AWAY FROM SOURCES OF IGNITION. - NO SMOKING. AVOID CONTACT WITH SKIN AND EYES. AVOID BREATHING DUST/FUME/GAS/MIST/VAPOURS/SPRAY. DO NOT SWALLOW. WHEN USING DO NOT EAT, DRINK OR SMOKE. DO NOT SPRAY ON AN OPEN FLAME OR OTHER IGNITION SOURCE. USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA.

PRESSURIZED CONTAINER: DO NOT PIERCE OR BURN, EVEN AFTER USE. (SEE SECTION 8)

GENERAL HYGIENE ADVICE: LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. WASH HANDS BEFORE EATING, DRINKING, OR SMOKING.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

STORAGE: KEEP LOCKED UP AND OUT OF REACH OF CHILDREN. DO NOT EXPOSE TO TEMPERATURES EXCEEDING 50 DEG. C / 122 DEG. F. STORE IN DRY, COOL, WELL-VENTILATED AREA. (SEE SECTION 10)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS:

EXPOSURE GUIDELINES:

OCCUPATIONAL EXPOSURE LIMITS:

INGREDIENT	OSHA-PEL	ACGIH-TLV
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	100 PPM	200 MG/M3
SOLVENT NAPHTHA (PETROLEUM), HEAVY AROMATIC	NOT AVAILABLE.	NOT AVAILABLE.
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC	5 MG/M3 (MIST)	5 MG/M3 (MIST)
CARBON DIOXIDE	5000 PPM 9000 MG/M3	5000 PPM
NAPHTHALENE	10 PPM 50 MG/M3	10 PPM
DINONYLPHENOL, ETHOXYLATED, PHOSPHATED	NOT AVAILABLE.	NOT AVAILABLE.

8.2 EXPOSURE CONTROLS:

ENGINEERING CONTROLS: USE VENTILATION ADEQUATE TO KEEP EXPOSURES (AIRBORNE LEVELS OF DUST, FUME, VAPOR, ETC.) BELOW RECOMMENDED EXPOSURE LIMITS.

8.3 INDIVIDUAL PROTECTIVE MEASURES:

PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION: SAFETY GLASSES WITH SIDE-SHIELDS.

SKIN PROTECTION: HAND PROTECTION: WEAR CHEMICALLY RESISTANT PROTECTIVE GLOVES. BODY PROTECTION: WEAR SUITABLE PROTECTIVE CLOTHING.

RESPIRATORY PROTECTION: A NIOSH APPROVED RESPIRATOR IS RECOMMENDED IN POORLY VENTILATED AREAS OR WHEN PERMISSIBLE EXPOSURE LIMITS MAY BE EXCEEDED. RESPIRATOR SELECTION MUST BE BASED ON KNOWN OR ANTICIPATED EXPOSURE LEVELS, THE HAZARDS OF THE PRODUCT AND THE SAFE WORKING LIMITS OF THE SELECTED RESPIRATOR.

GENERAL HEALTH AND SAFETY MEASURES: DO NOT EAT, SMOKE OR DRINK WHERE MATERIAL IS HANDLED, PROCESSED OR STORED. WASH HANDS CAREFULLY BEFORE EATING OR SMOKING. HANDLE ACCORDING TO ESTABLISHED INDUSTRIAL HYGIENE AND SAFETY PRACTICES. ENSURE THAT EYEWASH STATIONS AND SAFETY SHOWERS ARE CLOSE TO THE WORKSTATION LOCATION.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: VISCOUS / OILY.

COLOR: ORANGE.

ODOR: HEAVY AROMATIC.

ODOR THRESHOLD: NOT AVAILABLE.

PHYSICAL STATE: GAS/PRESSURIZED LIQUID.

PH: NOT AVAILABLE.

MELTING POINT/FREEZING POINT: NOT AVAILABLE.

INITIAL BOILING POINT AND BOILING RANGE: 177.8 DEG. C (352 DEG. F)

FLASH POINT: 65.6 DEG. C (150 DEG. F)

EVAPORATION RATE: <1 (N-BUTYL ACETATE = 1)

FLAMMABILITY: FLAMMABLE.

LOWER FLAMMABILITY/EXPLOSIVE LIMIT: NOT AVAILABLE.
UPPER FLAMMABILITY/EXPLOSIVE LIMIT: NOT AVAILABLE.

VAPOR PRESSURE: NOT AVAILABLE.

VAPOR DENSITY: >1 (AIR = 1)

RELATIVE DENSITY/SPECIFIC GRAVITY: 0.91 (WATER = 1)

SOLUBILITY: NEGLIGIBLE.

PARTITION COEFFICIENT N-OCTANOL/WATER: NOT AVAILABLE.

AUTO-IGNITION TEMPERATURE: NOT AVAILABLE.

DECOMPOSITION TEMPERATURE: NOT AVAILABLE.

VISCOSITY: NOT AVAILABLE.

OXIDIZING PROPERTIES: NOT AVAILABLE.

EXPLOSIVE PROPERTIES: NOT AVAILABLE.

VOC CONTENT: <25%

FLAME PROJECTION: 0 CM

HEAT OF COMBUSTION: 45.8 KJ/G

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY: NO DANGEROUS REACTION KNOWN UNDER CONDITIONS OF NORMAL USE.

10.2 CHEMICAL STABILITY: STABLE UNDER NORMAL STORAGE CONDITIONS. FLAMMABLE AEROSOL. CONTENTS UNDER PRESSURE. CONTAINER MAY EXPLODE IF HEATED. DO NOT PUNCTURE. DO NOT BURN.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS: NO DANGEROUS REACTION KNOWN UNDER CONDITIONS OF NORMAL USE.

10.4 CONDITIONS TO AVOID: HEAT. INCOMPATIBLE MATERIALS. SOURCES OF IGNITION. EXCESSIVE WATER.

10.5 INCOMPATIBLE MATERIALS: STRONG OXIDIZING AGENTS. STRONG REDUCING AGENTS. MOISTURE.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS: MAY INCLUDE, AND ARE NOT LIMITED TO: OXIDES OF CARBON, HYDROCARBONS.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:

LIKELY ROUTES OF EXPOSURE: SKIN CONTACT, EYE CONTACT, INHALATION, AND INGESTION.

SYMPTOMS RELATED TO PHYSICAL/CHEMICAL/TOXICOLOGICAL CHARACTERISTICS:

EYE: CAUSES SERIOUS EYE IRRITATION. SYMPTOMS MAY INCLUDE DISCOMFORT OR PAIN, EXCESS BLINKING AND TEAR PRODUCTION, WITH MARKED REDNESS AND SWELLING OF THE CONJUNCTIVA.

SKIN: MAY CAUSE SKIN IRRITATION. SYMPTOMS MAY INCLUDE REDNESS, DRYING, DEFATTING AND CRACKING OF THE SKIN.

INGESTION: MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. THIS PRODUCT MAY BE ASPIRATED INTO THE LUNGS AND CAUSE CHEMICAL PNEUMONITIS. MAY CAUSE STOMACH DISTRESS, NAUSEA OR VOMITING.

INHALATION: MAY CAUSE RESPIRATORY TRACT IRRITATION.

ACUTE TOXICITY:

INGREDIENT	IDLH	LC50	LD50
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	NOT AVAILABLE.	INHALATION: >5.2 MG/L 4H RAT	ORAL: >5000 MG/KG, RAT DERMAL: >2000 MG/KG, RABBIT
SOLVENT NAPHTHA (PETROLEUM), HEAVY AROMATIC	NOT AVAILABLE.	INHALATION: >5.28 MG/L 4H, RAT	ORAL: >5000 MG/KG, RAT DERMAL: >2000 MG/KG, RABBIT
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC	NOT AVAILABLE.	INHALATION: >5.0 MG/L 4H, RAT	ORAL: >5000 MG/KG, RAT DERMAL: >5000 MG/KG, RABBIT

CARBON DIOXIDE	40000 PPM	NOT AVAILABLE.	NOT AVAILABLE.
NAPHTHALENE	250 PPM	NOT AVAILABLE.	ORAL: 490 MG/KG, RAT
			DERMAL: >2500 MG/KG, RAT
			DERMAL: >20 G/KG, RABBIT

DINONYLPHENOL, ETHOXYLATED, NOT AVAILABLE. NOT AVAILABLE.
PHOSPHATED AVAILABLE.

CALCULATED OVERALL CHEMICAL ACUTE TOXICITY VALUES:

LC50 (INHALATION) LD50 (ORAL) LD50 (DERMAL)

>5 MG/L 4H, RAT >2000 MG/KG, RAT >2000 MG/KG, RABBIT

INGREDIENT CHEMICAL LISTED AS CARCINOGEN
OR POTENTIAL CARCINOGEN
(NTP, IARC, OSHA, ACGIH, CP65)*

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT NOT LISTED.

SOLVENT NAPHTHA (PETROLEUM), HEAVY AROMATIC NOT LISTED.

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC NOT LISTED.

CARBON DIOXIDE NOT LISTED.

NAPHTHALENE G-A4, I-2B, N-2, CP65

DINONYLPHENOL, ETHOXYLATED, PHOSPHATED NOT LISTED.

* SEE SECTION 15 FOR MORE INFORMATION.

11.2 DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT- AND LONG-TERM EXPOSURE:

SKIN CORROSION/IRRITATION:
BASED ON AVAILABLE DATA, THE CLASSIFICATION CRITERIA ARE NOT MET.

SERIOUS EYE DAMAGE/IRRITATION: CAUSES SERIOUS EYE IRRITATION.

RESPIRATORY SENSITIZATION:
BASED ON AVAILABLE DATA, THE CLASSIFICATION CRITERIA ARE NOT MET.

SKIN SENSITIZATION:
BASED ON AVAILABLE DATA, THE CLASSIFICATION CRITERIA ARE NOT MET.

STOT-SINGLE EXPOSURE:
BASED ON AVAILABLE DATA, THE CLASSIFICATION CRITERIA ARE NOT MET.

CHRONIC HEALTH EFFECTS:

CARCINOGENICITY: POSSIBLE CARCINOGEN.

GERM CELL MUTAGENICITY:
BASED ON AVAILABLE DATA, THE CLASSIFICATION CRITERIA ARE NOT MET.

REPRODUCTIVE TOXICITY:

DEVELOPMENTAL:
BASED ON AVAILABLE DATA, THE CLASSIFICATION CRITERIA ARE NOT MET.

FERTILITY: BASED ON AVAILABLE DATA, THE CLASSIFICATION CRITERIA ARE NOT MET.

STOT-REPEATED EXPOSURE:
BASED ON AVAILABLE DATA, THE CLASSIFICATION CRITERIA ARE NOT MET.

ASPIRATION HAZARD: MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.

OTHER INFORMATION: NOT AVAILABLE.

SECTION 12: ECOLOGICAL INFORMATION

12.1 ECOTOXICITY:

ACUTE/CHRONIC TOXICITY:
MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.

12.2 PERSISTENCE AND DEGRADABILITY: NOT AVAILABLE.

12.3 BIOACCUMULATIVE POTENTIAL:
BIOACCUMULATION: NOT AVAILABLE.

12.4 MOBILITY IN SOIL: NOT AVAILABLE.

12.5 OTHER ADVERSE EFFECTS: NOT AVAILABLE.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS:

DISPOSAL METHOD:
THIS MATERIAL MUST BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE, PROVINCIAL, AND FEDERAL REGULATIONS. THE GENERATION OF WASTE SHOULD BE AVOIDED OR MINIMIZED WHEREVER POSSIBLE.

OTHER DISPOSAL RECOMMENDATIONS:
FLAMMABLE VAPOURS MAY ACCUMULATE IN THE CONTAINER.
DO NOT INCINERATE EMPTY CONTAINERS.

SECTION 14: TRANSPORT INFORMATION

14.1 UN NUMBER:

DOT NOM-004-SCT2-1994

UN1950 UN1950

14.2 UN PROPER SHIPPING NAME:

DOT NOM-004-SCT2-1994

AEROSOLS, FLAMMABLE, LIMITED QUANTITIES AEROSOLS, FLAMMABLE, LIMITED QUANTITIES

14.3 TRANSPORT HAZARD CLASS (ES):

DOT NOM-004-SCT2-1994

2.1 2.1

14.4 PACKING GROUP:

DOT NOM-004-SCT2-1994

NOT APPLICABLE.

NOT APPLICABLE.

14.5 ENVIRONMENTAL HAZARDS: NOT AVAILABLE.

14.6 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE:
NOT AVAILABLE.

14.7 SPECIAL PRECAUTIONS FOR USER:
DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.
THE BLASTER CORPORATION DOES NOT RECOMMEND SHIPPING THEIR AEROSOL PRODUCTS BY AIR.

SECTION 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATIONS SPECIFIC FOR THE CHEMICAL:

US:
SDS PREPARED PURSUANT TO THE HAZARD COMMUNICATION STANDARD
(CFR 29 1910.1200) HAZCOM 2012

MEXICO: SDS PREPARED PURSUANT TO NOM-018-STPS-2000.

SARA TITLE III:

INGREDIENT	SECTION 302 (EHS) TPQ (LBS.)	SECTION 304 EHS RQ (LBS.)	CERCLA RQ (LBS.)	SECTION 313
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DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	NOT LISTED.	NOT LISTED.	NOT LISTED.	NOT LISTED.
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SOLVENT NAPHTHA (PETROLEUM), HEAVY AROMATIC	NOT LISTED.	NOT LISTED.	NOT LISTED.	NOT LISTED.
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DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC	NOT LISTED.	NOT LISTED.	NOT LISTED.	NOT LISTED.
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CARBON DIOXIDE	NOT LISTED.	NOT LISTED.	NOT LISTED.	NOT LISTED.
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NAPHTHALENE	NOT LISTED.	NOT LISTED.	100	313
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DINONYLPHENOL, ETHOXYLATED, PHOSPHATED	NOT LISTED.	NOT LISTED.	NOT LISTED.	NOT LISTED.
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STATE REGULATIONS:

CALIFORNIA PROPOSITION 65:
THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

GLOBAL INVENTORIES:

INGREDIENT	USA TSCA
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DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	YES.
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SOLVENT NAPHTHA (PETROLEUM), HEAVY AROMATIC	YES.
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DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC	YES.
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CARBON DIOXIDE	YES.
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NAPHTHALENE	YES.
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DINONYLPHENOL, ETHOXYLATED, PHOSPHATED	YES.
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NFPA-NATIONAL FIRE PROTECTION ASSOCIATION:
HEALTH 2
FIRE 4
REACTIVITY 0

HMIS-HAZARDOUS MATERIALS IDENTIFICATION SYSTEM:
HEALTH 2*
FIRE 4
PHYSICAL HAZARD 0

HAZARD RATING:
0 = MINIMAL
1 = SLIGHT
2 = MODERATE
3 = SEVERE
4 = EXTREME

SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

CP65: CALIFORNIA PROPOSITION 65

OSHA (O): OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION.

ACGIH (G): AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS.
A1 - CONFIRMED HUMAN CARCINOGEN.
A2 - SUSPECTED HUMAN CARCINOGEN.
A3 - ANIMAL CARCINOGEN.
A4 - NOT CLASSIFIABLE AS A HUMAN CARCINOGEN.

A5 - NOT SUSPECTED AS A HUMAN CARCINOGEN.

IARC (I): INTERNATIONAL AGENCY FOR RESEARCH ON CANCER.

1 - THE AGENT (MIXTURE) IS CARCINOGENIC TO HUMANS.

2A - THE AGENT (MIXTURE) IS PROBABLY CARCINOGENIC TO HUMANS; THERE IS LIMITED EVIDENCE OF CARCINOGENICITY IN HUMANS AND SUFFICIENT EVIDENCE OF CARCINOGENICITY IN EXPERIMENTAL ANIMALS.

2B - THE AGENT (MIXTURE) IS POSSIBLY CARCINOGENIC TO HUMANS; THERE IS LIMITED EVIDENCE OF CARCINOGENICITY IN HUMANS IN THE ABSENCE OF SUFFICIENT EVIDENCE OF CARCINOGENICITY IN EXPERIMENTAL ANIMALS.

3 - THE AGENT (MIXTURE, EXPOSURE CIRCUMSTANCE) IS NOT CLASSIFIABLE AS TO ITS CARCINOGENICITY TO HUMANS.

4 - THE AGENT (MIXTURE, EXPOSURE CIRCUMSTANCE) IS PROBABLY NOT CARCINOGENIC TO HUMANS.

NTP (N): NATIONAL TOXICOLOGY PROGRAM.

1 - KNOWN TO BE CARCINOGENS.

2 - REASONABLY ANTICIPATED TO BE CARCINOGENS.

SECTION 16: OTHER INFORMATION

DATE OF PREPARATION: MAY 26, 2014

VERSION: 1.0

REVISION DATE: MAY 26, 2014

DISCLAIMER:

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PREPARED BY: NEXREG COMPLIANCE INC.

PHONE: (519) 488-5126

WWW.NEXREG.COM

PREPARED FOR: THE BLASTER CORPORATION

TRADE NAME: PB PENETRATING CATALYST (AEROSOL)

PRINT DATE: 2014-05-26

NEXREG