

MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT: PIPE BREAK AEROSOL

MSDS DATE: 1/1/2017

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PIPE BREAK – AEROSOL
PRODUCT CODES: CSP/PB-A

MANUFACTURER: CALFONEX PRODUCTS CO
ADDRESS: 121 Orchard Street
Walden, NY 12586

EMERGENCY PHONE: 800-255-3924
CHEM-TELL PHONE: 800-255-3924
OTHER CALLS: 845-778-2212
FAX PHONE: 845-778-2265

CHEMICAL FAMILY: Petroleum Product

PRODUCT USE: Penetrant/Lubricant
PREPARED BY:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>SARA 313 REPORTABLE</u>
Isoparaffin	64742-47-8	None Established	None Est'd (1200 ppm Mfg Rec)	None
Petroleum Distillates	64742-95-6	None Established	200 ppm	None
Petroleum Distillates	8008-20-6	None Established	50 ppm	None
Oxygenated Hydrocarbons	NE	None Established		None
Carbon Dioxide	124-38-9	5000 ppm		None

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: DANGER: Flammable aerosol. Contents under pressure. Harmful if swallowed. If swallowed, may be aspirated and cause lung damage. May cause eye irritation. Avoid eye contact. Use with adequate ventilation. Keep away from heat, sparks and all other sources of ignition.



ROUTES OF ENTRY: INHALATION? Yes SKIN? No INGESTION? Yes

POTENTIAL HEALTH EFFECTS

EYES: Irritant

SKIN: Causes drying of skin

INGESTION: Harmful if swallowed, call a physician

INHALATION: Prolonged breathing of concentrated vapors can cause headaches, dizziness and nausea

CHRONIC HEALTH HAZARDS: None expected

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known

CARCINOGENICITY

OSHA: NO

ACGIH: NO

NTP: NO

IARC: NO

SECTION 4: FIRST AID MEASURES

EYES: Flush eyes with plenty of water

SKIN: Wash with soap and water

INGESTION: Do not induce vomiting, call a physician

INHALATION: Remove to fresh air, if breathing is difficult administer oxygen

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SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: 0.9
(% BY VOLUME) LOWER: 6.0

FLASH POINT:
F: 110
METHOD USED: C.O.C.

AUTOIGNITION TEMPERATURE:
F: Not Determined
C: Not Determined

NFPA HAZARD CLASSIFICATION
HEALTH: 1 FLAMMABILITY: 3 REACTIVITY: 0

HMIS HAZARD CLASSIFICATION
HEALTH: 1 FLAMMABILITY: 3 REACTIVITY: 0

EXTINGUISHING MEDIA: Foam, dry chemical, CO2 or water mist. 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.

SPECIAL FIRE FIGHTING PROCEDURES: Use self-contained or air supplies breathing apparatus for enclosed areas.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Do not mix or store with strong oxidants (i.e. Chlorine, conc., oxygen)
Level 3 Aerosols – Contents Under Pressure

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Due to the fact that this is an aerosol products, large spills are unlikely to occur. If excess material is released, avoid breathing of vapors.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Avoid prolonged breathing of vapors. Use with adequate ventilation. Avoid contact with skin and eyes. Do not take internally. Do not use in confined areas.

OTHER PRECAUTIONS: Avoid contact with strong oxidants. Keep container tightly closed when not in use. Keep aerosols away from all sources of heat as well as direct sunlight..

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use in well-ventilated area.

VENTILATION : Local exhaust, normal room ventilation

RESPIRATORY PROTECTION: None needed with normal use. If vapors are concentrated in a confined area, use self contained breathing apparatus.

EYE PROTECTION: Splashproof goggles or glasses

SKIN PROTECTION: For prolonged contact use rubber gloves

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None needed for normal use.

WORK HYGIENIC PRACTICES: Do not eat, drink, or smoke in work area. Wash with soap and water after handling.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Amber liquid

ODOR: Hydrocarbon

PHYSICAL STATE: Liquid

pH AS SUPPLIED: Neutral

BOILING POINT:
F: 400-500

MELTING POINT:
F: NA

FREEZING POINT:
F: NA

VAPOR PRESSURE (mmHg): <5 @ 20 C

VAPOR DENSITY (AIR = 1): 4.7

SPECIFIC GRAVITY (H2O = 1): 0.82

EVAPORATION RATE (Ethyl Ether=1): 0.04

SOLUBILITY IN WATER: Negligible

PERCENT SOLIDS BY WEIGHT: 15-30%

PERCENT VOLATILE BY WEIGHT: 70-85%

VOLATILE ORGANIC COMPOUNDS (VOC): <50%

SECTION 10: STABILITY AND REACTIVITY

STABLE

UNSTABLE

STABILITY: Yes

CONDITIONS TO AVOID (STABILITY): Heat, sparks, electric arcs or open flame.

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents (chlorine, sodium hypochlorite)

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Smoke, fumes, carbon monoxide

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): NA

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: This product is not classified as toxic by established criteria. It is aspiration hazard. None of the components of this product is listed as a carcinogen or suspected carcinogen or is considered a reproductive hazard.

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SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No data is currently available.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: 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.

Aerosol containers should be emptied and depressurized before disposal. Empty containers may be recycled.

All disposal activities must comply with federal, state and local regulations. Local regulations may be more stringent than state or national requirements.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Consumer Commodity
HAZARD CLASS: ORM-D

WATER TRANSPORTATION

PROPER SHIPPING NAME: Aerosols Limited Quantities, UN1950, 2.1

AIR TRANSPORTATION

PROPER SHIPPING NAME: Aerosols Limited Quantities
HAZARD CLASS: 2.1
ID NUMBER: UN1950

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): All the components of this products are listed on the TSCA inventory.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): 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.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES: Acute Health, Fire Hazard, Sudden Release of Pressure

313 REPORTABLE INGREDIENTS: None

STATE REGULATIONS: This products does not contain chemicals regulated under California Proposition 65.

SECTION 16: OTHER INFORMATION

NONE