



Safety Data Sheet

H1 Penetrating Oil

Section 1 Identification

Trade Name: H1 Penetrating Oil
Product Identification: 4458
Synonyms: Solvent blend
Product Use Description:
Lubricant

General Info Phone: (800) 795-9222
Emergency Phone: (800) 535-5053

Supplier:
ABC COMPOUNDING CO. INC.
6970 JONESBORO RD
Morrow, GA 30260

Section 2 Hazards Identification

Classifications

Flammable Aerosols - Category 1
Gasses under pressure - Liquefied gas



Compressed Gas Flammable

Signal Word: Danger

Hazard Statements

Keep out of reach of children.
Read label and SDS before use.
Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.

Precautionary Statements

Prevention

Keep away from heat, sparks, open flames and 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.
Protective gloves and safety glasses are recommended

Response

IF SWALLOWED: Call a poison center or a doctor.
Do NOT induce vomiting.
IF ON SKIN: Wash with soap and water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Storage

Store in a well-ventilated place.
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Hazards Not Otherwise Specified

Not applicable

Section 3 Composition



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| <u>Chemical Name</u> | <u>CAS #</u> | <u>Concentration % by Weight</u> |
|----------------------|--------------|--------------------------------------|
| Propane | 74-98-6 | $\geq 10 \leq 20$ |
| Butane | 106-97-8 | $\geq 1 \leq 5$ |

Section 4 First Aid

EMERGENCY OVERVIEW

DANGER. Extremely flammable. Contents under pressure. Keep away from heat and flame.

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 attention.

SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs get medical attention. Take off contaminated clothing and wash it before reuse.

INHALATION: Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

INGESTION: May be harmful if swallowed. Seek medical attention immediately. Do NOT induce vomiting.

Section 5 Fire Fighting Measures

Suitable fire extinguishing media:

Use water spray, fog or foam.

Specific hazards arising from the chemical:

Flammable aerosol. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed. Runoff to sewer may create fire or explosion hazard.

Hazardous thermal decomposition products:

Carbon Dioxide, Carbon Monoxide

Specific fire-fighting methods:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire fighters:

Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

Section 6 Accidental Release Measures



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Personal precautions:

Put on appropriate personal protective equipment (see section 8)

Environmental precautions and clean-up methods:

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all ignition sources.

Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

Section 7 Handling and Storage

Do not use or store near heat, sparks or open flame. Exposure to temperatures above 120 F may cause bursting. Do not puncture or incinerate container. Store in a cool, dry place. Do not get in eyes, on skin or on clothing. Intentional misuse by deliberately concentrating and inhaling may be harmful or fatal. Keep out of reach of children.

Section 8 Exposure Controls/Personal Protection

Butane
ACGIH TLV 1000 ppm

Propane
ACGIH TLV 1000 ppm

Eye Protection: Wear safety glasses or goggles.

Skin Protection: To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile or neoprene).

Respiratory Protection: When respiratory protection is required use an organic vapor cartridge. A respiratory program that meets OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements must be followed.

Engineering Controls: Good general ventilation required.

Section 9 Physical and Chemical Properties

| Property | Value | | |
|---------------------------|-------------------------|------------------------|---------------------------|
| Appearance | CLEAR SPRAY/MIST | Auto Ignition Temp | NOT AVAILABLE |
| Boiling Point | NOT AVAILABLE | Color | COLORLESS TO LIGHT YELLOW |
| Decomposition Temperature | NOT AVAILABLE | Evaporation Rate | NOT AVAILABLE |
| Explosive Limit Ranges | NOT AVAILABLE | Explosive Properties | NOT AVAILABLE |
| Flash Point | >350 F (liquid portion) | Melting/Freezing Point | NOT AVAILABLE |
| Odor | MILD PETROLEUM | Odor Threshold | NOT AVAILABLE |
| Other Information | NOT AVAILABLE | Oxidizing Properties | NOT AVAILABLE |
| Partition Coeff | NOT AVAILABLE | Physical State | LIQUID |
| Relative Density | 0.86 - 0.88 | Solubility (Water) | INSOLUBLE |
| Vapor Density | NOT AVAILABLE | Vapor Pressure | NOT AVAILABLE |
| Viscosity | NOT AVAILABLE | pH | NOT APPLICABLE |

Section 10 Stability and Reactivity

Reactivity : Under normal conditions of storage and use, hazardous reactions will not occur.

Chemical Stability : Stable under normal conditions.

Incompatible Materials : Acids, strong oxidizers.

Conditions to Avoid : High temperatures, open flames, sparks, welding.

Decomposition Products: CO, CO2



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Vapors may ignite at temperatures exceeding flash point.

Section 11 Toxicological Information

Primary Route of Entry: Inhalation, ingestion

Acute/Potential Health Effects:

EYES: May cause eye irritation. Symptoms include stinging, tearing and redness.

SKIN: May cause skin irritation. Symptoms may include redness and drying of skin.

INHALATION: High vapor/aerosol concentrations (>1000 ppm) are irritating to the eyes and respiratory tract. May cause nose, throat and respiratory tract irritation, coughing and headache.

INGESTION: May be harmful if swallowed.

Chronic / Long Term Effects: None known.

Target Organ Effects: None known.

Reproductive/Developmental Information:

Carcinogenic Information: This material is not listed as a carcinogen by IARC, NTP or OSHA.

Acute Toxicity Values:

Not available.

Section 12 Ecological Information

Not available.

Section 13 Disposal Considerations

Waste must be disposed of in accordance with federal, state and local environmental control regulations. See label for further instructions.

Section 14 Transport Information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

| | |
|-----------------------------|---------------------|
| UN number | 1950 |
| Proper shipping name | Aerosols, flammable |
| Class | 2.1 |
| Packing group | - |

Section 15 Regulatory Information

If identified components of this product are **CERCLA** hazardous substances and/or listed under **Sections 302, 304, or 313 of Title III** of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (also known as EPCRA, the Emergency Planning and Community Right-To-Know Act), or under **California Proposition 65** (Safe Drinking Water and Toxic Enforcement Act), they are listed above in Section 15 of this SDS.



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If identified components of this product are listed under Section 313, this product contains toxic chemicals subject to the reporting requirements of Section 313. This information must be included in all SDS that are copied and distributed for this material.

Title III Section 311/312 Hazardous Categories - 40 CFR 370.2:

ACUTE (X) Chronic () Fire (X) Pressure (X) Reactive () Not Applicable ()

T.S.C.A. Status: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

RCRA Status: Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes hazardous waste it would be assigned RCRA Code(s)

None

Section 16 Other Information

HMIS Ratings :

| | |
|---------------------|---|
| HEALTH | 1 |
| FLAMMABILITY | 4 |
| REACTIVITY | 0 |
| PERSONAL PROTECTION | B |

Disclaimer: This Manufacturer believes that the information contained in the Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of the publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.

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