

Material Safety Data Sheet



PEN-T-10 AEROSOL Penetrant

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FOR CHEMICAL EMERGENCY
Call INFOTRAC
800/535-5053 (24 HOURS)

Section I: Product Identification

Product name: PEN-T-10
Synonym: Hydrocarbon-Based
Cleaner and Lubricant
Molecular Formula: Proprietary Information

The “Plain English” Section

Material Safety Data Sheets can be confusing. Federal law requires us to print a great deal of technical information, which probably won't help the non-scientist. ECOLINK includes this “PLAIN ENGLISH” section, written to address the questions and concerns of the average person. If you have additional health, safety or product questions, don't hesitate to call us at 800/886-8240.

Health Hazards: PEN-T-10 is an industrial chemical and can therefore irritate your skin. We suggest you wear gloves, and avoid extended exposure to unprotected skin. Don't get it in your eyes, or breath large amounts of the vapor, it will dry out your nasal passages). Used on a rag or from a spray bottle, the product won't produce fumes in any great quantity, (don't spray PEN-T-10 under high pressure without adequate ventilation). For more exposure and first aid information, refer to MSDS Sections II, VI.

Flashpoint: PEN-T-10 is considered a non-flammable aerosol. Combustion in ordinary use isn't a big concern. If PEN-T-10 is used on rags, the rags can ignite if exposed to an open flame because the solvent is “wicked” onto the cloth. Be sure to dispose of rags in an airtight container specifically designed to prevent spontaneous combustion. Don't use PEN-T-10 (or any other combustible solvent) around welding or any other hot work area, because it CAN ignite around a heat source.

Disposal: PEN-T-10 is not considered a hazardous waste product. Wrap empty PEN-T-10 container and place in trash collection. Do not reuse container. If you spill PEN-T-10, notify the proper environmental people at your company ASAP. Once PEN-T-10 is contaminated with whatever you are cleaning, the resulting mixture may fall under a hazardous classification, depending on whether or not the material you are cleaning is hazardous. If you are not sure how to dispose of the used PEN-T-10 give us a call and we will help you make the right decision.

Section II: Hazardous Components

Chemical Name	Aliphatic Hydrocarbon
CAS No.	64741-44-2
Exposure	TLV/PEL - 5 mg/m3 pel/tlv mist

Chemical Name	Petroleum Distillate
CAS No.	64742-54-7

Chemical Name	Butane
CAS No.	106-97-8

Chemical Name	Propane
CAS No.	106-97-8

RCRA REGULATED: No

CERCLA (superfund): N/A

ALL MATERIALS IN PRODUCT ARE TSCA LISTED.

DOT Regulated: No

DOT Haz. Class: ORM-D

DOT Shipping Name: Consumer Commodity

DOT Number: N/A

(Questions concerning DOT information refer to DOT manual cfr 49, Chapter 1, 10/96 edition)

Section III: Physical Data

Boiling Point:	N/E
Specific Gravity (H2O=1):	0.81
Can Pressure (psig.):	65-75 @25° C
Vapor Density (AIR=1):	>1
Evaporation Rate (nBuAc):	<1
Solubility In Water:	Negligible
Percent Volatile:	N/D
Appearance & Odor:	Red Spray with terpene odor
VOC Content	8% by weight

Section IV: Fire & Explosion Hazard Data

Flash Point (Method):
Non-flammable per CPSC Flame Extension Test

Flammable Limits:
LEL 1.8
UEL 9.5

Extinguishing Media:
Regular foam, dry chemical, Co2, water fog, class B.

Special Fire Fighting Procedures:
Wear NOISH approved self – contained breathing apparatus with full face piece and protective clothing to prevent contact with skin and eyes. Use water spray to cool fire exposed containers.

Unusual Fire & Explosion Hazards:
Aerosol container may burst if heated over 120° F

Section V: Reactivity Data

Stability: Stable

Conditions to Avoid:
Temperature extremes.

Incompatibility (Materials to Avoid):
Avoid contact with strong oxidizing agents such as chlorine bleach.

Hazardous Decomposition:
None

Hazardous Polymerization:
Will Not Occur.

Section VI: Health Hazard Data

Primary Routes of Exposure:
Oral, Inhalation, & skin

Ingestion:
Can cause gastrointestinal irritation, vomiting, nausea, and diarrhea.

Inhalation:
Breathing high concentrations of vapors may cause nasal and respiratory tract irritation, signs of anesthesia. High concentrations may cause headache and drowsiness.

Eyes:
May cause transient irritation.

Skin or Contact:
May cause irritation and defatting.

First Aid:

Ingestion: Do not induce vomiting. Keep person warm and quiet. Get medical attention immediately. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.

Inhalation: Remove victim to fresh air, apply artificial respiration if necessary. Get medical attention.

Eyes: Irrigate immediately with water for at least 15 minutes. Get medical attention.

Skin: Wash with soap and water. Thoroughly clean contaminated clothing and shoes before reuse. If symptoms persist, seek medical attention.

Carcinogen: NTP – Not Listed
IARC Monographs – None
OSHA REGS – Not Regulated

Section VII: Precautions for Safe Handling

HMIS Information:
Health – 1 / Reactivity – 0
Flammability – 2 Personal Protection – B

HMIS Definition:
0 – Minimal 1 – Slight 2 – Moderate 3 – Serious 4 – Extreme
“/” in the Health Category denotes material does not target any major organs.
“**” in the Health Category denotes material may target certain organs.

Eye Protection
Safety glasses and splash protection required .

Protective Gloves:
Butyl resistant.

Respiratory Protection:
Not required under conditions of normal use. Be sure adequate ventilation is in area of use. If vapor mist is present use NIOSH certified organic vapor mask.

Ventilation: Local exhaust/hood or fan may be used.

Other Protective Clothing: Not required under normal use.

Work Practices: Store rags used with this material in an air tight, metal container to prevent spontaneous combustion. Treat this chemical with respect and follow all MSDS instructions. Proper ventilation is required, avoid breathing concentrated vapors/fumes.

Section VIII: Control Measures

Spill: Aerosol products are not subject to spilling.

Waste Disposal Method: Wrap empty PEN-T-10 container and place in trash collection. Do not reuse container. Disposed of according to local, state, and federal regulations. Please call us if you need additional disposal information.

Precautions To Be Taken In Handling & Storing: Do not store at temperatures above 120° F. Do not puncture or incinerate containers. Store in accordance with level 2 aerosols. Read label precautions carefully.

Other Precautions: Keep this and all chemicals out of the reach of children. Do not eat, drink, or smoke in work area. Wash hands after use.

Section IX: Part Number & Packaging

<u>Product Name</u>	<u>Part No.</u>	<u>Packaging</u>	<u>National Stock No.</u>
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PEN-T-10	0699-1	12 x 10 oz. Aerosol	N/A
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END OF MSDS