

Safety Data Sheet

Printing date 03/25/2015

Revised On 03/25/2015

1 Identification of the substance and manufacturer

Trade name: PENETRATING OIL
Product code: PE00010000
Manufacturer/Supplier: Production Products, Inc.
 30487 Potomac Way
 Charlotte Hall, MD 20622
 (301)-472-4200, www.ppduct.com
Emergency telephone number: CHEMTEL 1-800-255-3924, or 813-248-0585.

**2 Hazard(s) identification****Classification of the substance or mixture**

Flam. Aerosol 1 H222 Extremely flammable aerosol.
 Press. Gas H280 Contains gas under pressure; may explode if heated.
 Carc. 2 H351 Suspected of causing cancer.
 Eye Irrit. 2A H319 Causes serious eye irritation.
 STOT SE 3 H336 May cause drowsiness or dizziness.

GHS Hazard pictograms

GHS02 GHS04 GHS07 GHS08

Signal word

Danger

Hazard statements

Extremely flammable aerosol.
 Contains gas under pressure; may explode if heated.
 Causes serious eye irritation.
 Suspected of causing cancer.
 May cause drowsiness or dizziness.

Precautionary statements

If medical advice is needed, have product container or label at hand.
 Keep out of reach of children.
 Read label before use.
 Obtain special instructions before use.
 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.
 Use only outdoors or in a well-ventilated area.
 Wear protective gloves/protective clothing/eye protection/face protection.
 Do not handle until all safety precautions have been read and understood.
 Avoid breathing dust/fume/gas/mist/vapors/spray.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Call a poison center/doctor if you feel unwell.
 If eye irritation persists: Get medical advice/attention.
 Store locked up.
 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
 Store in a well-ventilated place. Keep container tightly closed.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

3 Composition/information on ingredients**Chemical characterization: Mixtures****Chemical Description:**

This product is a mixture of the substances listed below with nonhazardous additions.

Dangerous components:

8012-95-1	Petroleum hydrocarbon	22.37%
67-64-1	Acetone	14.74%
8008-20-6	Kerosine (petroleum)	11.44%
74-98-6	propane	6.3%
106-97-8	n-butane	3.7%
2807-30-9	Glycol Ether EP	3.23%

4 First-aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.
After skin contact: Remove contaminated clothing. Wash exposed area with soap and water.
After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
After swallowing: Rinse out mouth and then drink plenty of water.
 Rinse mouth with water. Do not induce vomiting.

Most important symptoms and effects:

Dizziness

Indication of any immediate medical attention needed:

No further relevant information available.

5 Fire-fighting measures

Extinguishing agents: CO2, extinguishing powder or water spray. Fight larger fires with water spray.
Special hazards: Can form explosive gas-air mixtures.

(Contd. on page 2)

Safety Data Sheet

Printing date 03/25/2015

Revised On 03/25/2015

Trade name: PENETRATING OIL

Protective equipment for firefighters:

A respiratory protective device may be necessary.

(Contd. of page 1)

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Use respiratory protective device against the effects of fumes/dust/aerosol.

Methods and material for containment and cleaning up:

Absorb liquid components with liquid-binding material.

7 Handling and storage

Precautions for safe handling

Use only in well ventilated areas.

Storage requirements:

Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

8 Exposure controls/personal protection

Components with limit values that require monitoring at the workplace:

8012-95-1 Petroleum hydrocarbon

PEL (USA) Long-term value: 5 mg/m³
 REL (USA) Short-term value: 10 mg/m³
 Long-term value: 5 mg/m³
 oil mist
 TLV (USA) L

67-64-1 Acetone

PEL (USA) Long-term value: 2400 mg/m³, 1000 ppm
 REL (USA) Long-term value: 590 mg/m³, 250 ppm
 TLV (USA) Short-term value: (1782) NIC-1187 mg/m³, (750) NIC-500 ppm
 Long-term value: (1188) NIC-594 mg/m³, (500) NIC-250 ppm
 BEI

8008-20-6 Kerosine (petroleum)

REL (USA) Long-term value: 100 mg/m³
 Kerosine only
 TLV (USA) Long-term value: 200 mg/m³
 as total hydrocarbon vapor; Skin; P

74-98-6 propane

PEL (USA) Long-term value: 1800 mg/m³, 1000 ppm
 REL (USA) Long-term value: 1800 mg/m³, 1000 ppm
 TLV (USA) refer to Appendix F

106-97-8 n-butane

REL (USA) Long-term value: 1900 mg/m³, 800 ppm
 TLV (USA) Short-term value: 2370 mg/m³, 1000 ppm

Ingredients with biological limit values:

67-64-1 Acetone

BEI (USA) 50 mg/L
 Medium: urine
 Time: end of shift
 Parameter: Acetone (nonspecific)

Hygienic protection:

Wash hands after use.
Do not eat or drink while working.

Breathing equipment:

A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

Hand protection:

Protective gloves. The glove material must be impermeable and resistant to the substance.

Eye protection:

Tightly sealed goggles

9 Physical and chemical properties

Appearance:

Aerosol.

Odor:

Aromatic

Odor threshold:

Not determined.

pH-value:

Not determined.

Melting point/Melting range

Undetermined.

Boiling point:

-44 °C (-47 °F)

Flash point:

-19 °C (-2 °F)

Flammability (solid, gas):

Extremely flammable.

Decomposition temperature:

Not determined.

Auto igniting:

Product is not self-igniting.

Danger of explosion:

In use, may form flammable/explosive vapour-air mixture.

Lower Explosion Limit:

Not determined.

Upper Explosion Limit:

Not determined.

(Contd. on page 3)

Safety Data Sheet

Printing date 03/25/2015

Revised On 03/25/2015

Trade name: PENETRATING OIL

(Contd. of page 2)

Vapor pressure:	Not determined.
Relative Density:	Between 0.77 and 0.85 (Water equals 1.00)
Vapour density	Not determined.
Evaporation rate	Not applicable.
Partition coefficient: n-octonal/water:	Not determined.
Solubility:	Not determined.
Viscosity:	Not determined.
VOC content:	121.8 g/l / 1.02 lb/gl
VOC content (less exempt solvents):	13.2 %
MIR Value:	0.00
Solids content:	49.0 %

10 Stability and reactivity

Reactivity:	Stable at normal temperatures.
Conditions to avoid:	Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures.
Chemical stability:	Not fully evaluated.
Possibility of hazardous reactions:	No dangerous reactions known.
Incompatible materials:	No further relevant information available.
Hazardous decomposition:	No dangerous decomposition products known.

11 Toxicological information

LD/LC50 values that are relevant for classification:

106-97-8 n-butane

Inhalative LC50/4 h 658 mg/l (rat)

Information on toxicological effects:	No data available.
Skin effects:	No irritant effect.
Eye effects:	No irritating effect.
Sensitization:	No sensitizing effects known.

Carcinogenic categories

IARC (International Agency for Research on Cancer)

8008-20-6 Kerosine (petroleum)

2B

NTP (National Toxicology Program)

None of the ingredients is listed.

12 Ecological information

Aquatic toxicity:	Hazardous for water, do not empty into drains.
Persistence and degradability:	The product is degradable after prolonged exposure to natural weathering processes.
Bioaccumulative potential:	No further relevant information available.
Mobility in soil:	No further relevant information available.
Other adverse effects:	No further relevant information available.

13 Disposal considerations

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

Recommendation: Completely empty cans should be recycled.

14 Transport information

UN-Number	UN1950
DOT	N/A
DOT	Consumer Commodity ORM-D
ADR	Aerosols, flammable
Transport hazard class(es):	1950 Aerosols
Class	2.1
Marine pollutant:	No
Special precautions for user:	Warning: Gases
EMS Number:	F-D,S-U
Quantity limitations	On passenger aircraft/rail: 75 kg On cargo aircraft only: 150 kg
ADR	
Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
IMDG	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
Packaging Group:	--

(Contd. on page 4)

Safety Data Sheet

Printing date 03/25/2015

Revised On 03/25/2015

Trade name: PENETRATING OIL

UN "Model Regulation": UN1950, Aerosols, 2.1

(Contd. of page 3)

15 Regulatory information**SARA Section 355 (extremely hazardous substances):**

None of the ingredients in this product are listed.

SARA Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

CPSC: This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.**California Proposition 65 chemicals known to cause cancer:**

None of the ingredients in this product are listed.

**CANADIAN ENVIRONMENTAL
PROTECTION ACT:**

All hazardous ingredients for this product appear on the Canadian Domestic Substance List.

EPA:

67-64-1 | Acetone

I

16 Other information**Contact:** Regulatory Affairs
Date of preparation / last revision 03/25/2015 / -