

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 01/14/2009

Reviewed on 01/14/2009

1 Identification of substance

Trade name: PENETRATING OIL (BULK)
Product code: PE00050343
Manufacturer/Supplier: PRODUCTION PRODUCTS, INC.
 30487 Potomac Way
 Charlotte Hall, MD 20622
 (301) 472-4200, www.ppiduct.com
Emergency information: CHEMTEL 1-800-255-3924, 813-248-0585 *if located outside the U.S.*

2 Composition/Data on components

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

Dangerous components:

8008-20-6	Kerosine (petroleum)	83.96%
2807-30-9	Glycol Ether EP	3.64%

3 Hazards identification

Physical dangers: Flammable.
NFPA ratings (scale 0 - 4): Health- 2
 Flammability-3
 Reactivity- 0
HMIS-ratings (scale 0 - 4): Health- 2
 Flammability- 3
 Physical Hazard- 0

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.
After swallowing: Contact physician or poison control center.

5 Fire fighting measures

Protective equipment: No special measures required.

6 Accidental release measures

Personal safety precautions: Wear protective equipment. Keep unprotected persons away.
Environmental safety precautions: Do not allow product to reach sewage systems or ground water.
Measures for cleaning/collecting: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.

7 Handling and storage

Safe handling information: Prevent formation of aerosols.
Fire/explosion protection: Do not spray on a naked flame or any incandescent material. Do not smoke. Protect from electrostatic discharges.

8 Exposure controls and personal protection:

Components with limit values that require monitoring at the workplace:

8008-20-6 Kerosine (petroleum)

REL	100 mg/m ³
TLV	200 mg/m ³

as total hydrocarbon vapor; Skin; P

Protective hygienic measures: Wash hands after use.
Breathing equipment: Not required.
Protection of hands: Protective gloves. The glove material has to be impermeable and resistant to the substance. No glove recommendation can be given.

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Trade name: PENETRATING OIL (BULK)

Eye protection: Tightly sealed goggles

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9 Physical and chemical properties:

Boiling point/Boiling range:	175°C
Flash point:	43°C
Auto igniting:	Product is not self-igniting.
Danger of explosion:	In use, may form flammable/explosive vapour-air mixture.
Density at 20°C:	0.8256 g/cm ³
VOC content:	30.1 g/l / 0.25 lb/gal
VOC content (less exempt solvents):	3.6 %
MIR value:	3.6 %
MIR Value:	0.00
Solids content:	12.4 %

10 Stability and reactivity:

Conditions to be avoided: No decomposition if used according to specifications.

Possibility of Hazardous

Reactions: No dangerous reactions known.

11 Toxicological information:

Primary effect on the skin: No irritant effect.

Primary effect on the eye: No irritating effect.

Sensitization: No sensitizing effects known.

12 Ecological information

Other information: This product does not contain any chloroflourocarbons (CFC's), chlorinated solvents, lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyl (PBB), or polybrominated diphenyl ether (PDBE). No specific ecological data is available for this product.

Acquatic toxicity: Hazardous for water, do not empty into drains.

13 Disposal considerations

DISPOSAL METHOD: 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:

Hazard class:	3
Identification number:	UN1268
Label	3
ADR/RID class:	3 Flammable liquids
UN-Number:	1268
IMDG Class:	3
Packaging group:	III
EMS Number:	F-E,S-E
Marine pollutant:	No
ICAO/IATA Class:	3
Propper shipping name:	PETROLEUM DISTILLATES, N.O.S.

15 Regulations

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.

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TSCA (Toxic Substances**Control Act):** All ingredients are listed.**PROPOSITION 65 Chemicals known to cause cancer:**

None of the ingredients in this product are listed.

EPA: A= Known human carcinogen B= Probable human carcinogen
 C= Possible human carcinogen
 D= Not classifiable as to human carcinogenicity: Inadequate human and animal evidence of carcinogenicity (or no data is available).

A= Known human carcinogen B= Probable human carcinogen
 C= Possible human carcinogen
 D= Not classifiable as to human carcinogenicity: Inadequate human and animal evidence of carcinogenicity (or no data is available).

IARC: Group 2B: The ingredient is possibly carcinogenic to humans. There is limited evidence of carcinogenicity.
 Group 3: The ingredient is unclassifiable as to its carcinogenicity to humans.

8008-20-6	Kerosine (petroleum)	2B
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ACGIH TLVs: A1-designates a confirmed human carcinogen.
 A2-designates a suspected human carcinogen.
 A3-designates an animal carcinogen.
 A4-designates "not classifiable as a human carcinogen".

8008-20-6	Kerosine (petroleum)	A3
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NIOSH:

None of the ingredients is listed.

Risk phrases: Flammable.

Safety phrases: Keep out of the reach of children.
 Do not breathe gas/fumes/vapour/spray.
 Avoid contact with skin.
 In case of fire, use sand, carbon dioxide or powdered extinguishing agent. Never use water.
 If swallowed, seek medical advice immediately and show this container or label.
 Use only in well-ventilated areas.
 Dispose of this material and its container at hazardous or special waste collection point
 This material and its container must be disposed of as hazardous waste.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Contact: Regulatory Affairs**Abbreviations and acronyms:**

IATA: International Air Transport Association
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 VOC: Volatile Organic Compounds (USA, EU)
 ADR: Accord européen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 NFPA: National Fire Protection Association (USA)