

**D.O.C. LUBRICATION SPECIALISTS
SAFTEY DATA SHEET**

1. PRODUCT AND COMPANY IDENTIFICATION

Material Name: PNEULUBE 100
Version #:
Revision date:
Product code: MD-100

Manufacturer information: Dennis Oil Company
545 N National Ave
Springfield, MO 65803
Emergency Number: 800-424-9300

2. HAZARDS IDENTIFICATION

OSHA regulatory status Contains no other ingredients known to be hazardous as defined by 2012 OSHA Hazard Communication Standard (29 CFR 1910.122)

Potential health effects None

Routes of exposure Skin contact/absorption.

Inhalation Avoid breathing vapors or mist.

Skin Substance does not generally irritate and is only mildly irritating to the skin.

Eyes Contact with eyes may cause irritation.

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Carcinogenicity

3. COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS #	Percent
PNEULUBE 100	Mixture	100
Polyalphaolefin		
N-Phenylbenzenamine	68411-46-1	0-99

Note for Non-Hazardous components – Components not precisely identified above are non-hazardous as defined by applicable laws.

4. FIRST AID MEASURES

First aid procedures

Eye contact In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Skin contact Wash off immediately with soap and plenty of water. If a person feels unwell or symptoms of skin irritation appear, consult a physician.

Inhalation In the case of inhalation of aerosol/mist, consult a physician if necessary.

Ingestion Do not induce vomiting without medical advice. Drink 1 or 2 glasses of water. Consult a physician if necessary.

Note to physician

5. FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media Water spray mist or foam, dry chemical or CO₂.

Unsuitable extinguishing media No information available.

Protection of firefighters

Specific hazards arising from the chemical

Protective equipment and precautions for firefighters Standard procedure for chemical fires.

6. ACCIDENTAL RELEASE MEASURES

Methods for containment Contaminated surfaces will be extremely slippery. Wear personal protective equipment. Do not flush into surface water or sanitary sewer system.

Methods for cleaning up Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. HANDLING AND STORAGE

Handling and storage No special technical protective measures required. Handle in accordance with good industrial hygiene and safety practice. Keep container tightly closed. No special restrictions on storage with other products.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

ACGIH Components	Type	Value
	TWA	*5 mg/m ³

U.S. – OSHA Components	Type	Value
	TWA	*5 mg/m ³

Personal protective equipment

Eye/face protection Safety glasses.

Skin protection Preventative skin protection. Usual safety precautions while handling the product will provide adequate protection against this potential effect.

Respiratory protection Breathing apparatus needed only when aerosol or mist is formed.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance

Color	Amber liquid
Odor	Slight sulphurous odor
Odor threshold	N/A
Physical state	Liquid
Form	Liquid
PH	N/A

Melting point	N/A
Freezing point	N/A
Boiling point	>600 °F
Flash point	>450 °F
Evaporation rate	N/A
Flammability limits in air, Upper, % by volume	N/AV
Flammability limits in air, lower, % by volume	N/AV
Vapor pressure	<0.10 mm/Hg
Vapor density	N/A
Specific gravity	0.859
Relative density	N/A
Solubility (water)	Insoluble
Partition coefficient (n-octanol/water)	N/A
Auto ignition temperature	N/A
Decomposition temperature	N/A
VOC	N/A
Percent volatile	N/A

10. CHEMICAL STABILITY & REACTIVITY INFORMATION

Conditions to avoid	Stable at normal conditions.
Incompatible materials	Oxidizing materials.
Hazardous decomposition products	Thermal decomposition can lead to release of irritating gasses and vapors.
Stability	Stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information Product does not present an acute toxicity hazard based on known or supplied information

Eye contact May cause slight irritation.

Skin contact Substance does not generally irritate and is only mildly irritating to the skin.

Inhalation Avoid breathing vapors or mists.

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Information on toxicological effects

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No sensitization responses were observed.

Mutagenic effects: Did not show mutagenic or teratogenic effects in animal experiments.

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Reproductive toxicity This product does not contain any known or suspected reproductive hazards.

STOT - Single Exposure None under normal use conditions.
STOT - Repeated Exposure None under normal use conditions.
Aspiration hazard Not applicable.

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity 2.095% of the mixture consists of ingredient(s) of unknown toxicity
The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 7049 mg/kg
ATEmix (dermal) 5928 mg/kg
ATEmix (inhalation-dust/mist) 72.1 mg/l
ATEmix (inhalation-vapor) 50737 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicological data This product is insoluble and floats on water.

Ecotoxicity The aqueous medium should be given appropriate treatment as wastewater in line with local regulations.

Environmental effects

Persistence & degradability

13. DISPOSAL CONSIDERATIONS

Disposal instructions In accordance with local and national regulations. Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORTATION INFORMATION

DOT

Basic shipping requirements

Proper shipping name Not regulated

Hazard class

UN number

Packing group

Additional information

ERG number

ERG code

IATA Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA: Listed in TSCA

DSL: Not listed in DSL

EINECS/ELINCS This product complies with EINECS/ELINCS

CHINA: This product does not comply with China IECSC.

KECL: This product does not comply with Korea KECL.

PICCS: This product does not comply with Philippines PICCS.

AICS: This product does not comply with Australia AICS

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US federal regulations This product contains the following Toxic Chemicals subject to the reporting requirements of SECTION 313 of the EMERGENCY PLANNING and COMMUNITY RIGHT-TO-KNOW ACT of 1986 and of 40 CFR 372:

NONE

US TSCA Section 12(b) Export Notification: Export Notification requirement/De minimis concentration

CERCLA (Superfund) reportable quantity

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard -
Delayed Hazard -
Fire Hazard -
Pressure Hazard -
Reactivity Hazard -

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Chronic hazard.

State regulations This product does not contain a chemical known to the state of California to cause cancer, birth defects or other reproductive harm.

16. OTHER INFORMATION

Further information HMIS® is a registered trade and service mark of the NPCA.
HMIS® ratings Health: 1
Flammability: 1
Instability: 0

NFPA ratings Health: 1
Flammability: 1
Physical hazards: 0
Personal protection B

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