

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identifier: HD PENETRATING OIL 17
Recommended Use: LUBRICATING OIL
Supplier: SHARE CANADA
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7
Telephone Number: (204) 633-8553 **Fax:** (204) 633-8453
Emergency telephone number: CANUTEC: (613) 996-6666

SECTION 2 - HAZARDS IDENTIFICATION

WHMIS 2015 hazard classification: Carcinogen 1 B Aspiration Toxic 1 H304



Symbol:

Signal word: DANGER

Hazard statement(s): May be fatal if swallowed and enters airways. May cause cancer.

Precautionary statements: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective clothing, protective gloves.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS REGISTRY NUMBER	CONCENTRATION
---------------	---------------------	---------------

Alkanes, C14 -16	90622-46-1	15 – 40 % Asp. Tox 1 H304
Barium sulphonate	61790-48-5	1 – 5 % Asp. Tox 4 H302 Skin Sen 1 H317
Hydrotreated middle alkanes	64742-46-7	5 – 10 % Asp. Tox 1 H304

SECTION 4 – FIRST AID MEASURES

First-aid measures general : Call a physician immediately.

First-aid measures after inhalation : If breathing is difficult, remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact : Rinse cautiously with water as a precaution.

First-aid measures after ingestion : Do NOT induce vomiting. Call a physician immediately.

Product Identifier: HD PENETRATING OIL 17

Symptoms/effects after inhalation	Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard
Symptoms/effects after skin contact	None under normal conditions.
Symptoms/effects after eye contact	None under normal conditions.
Symptoms/effects after ingestion	Risk of lung oedema.
Medical attention and special treatment.	Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media	: Water spray, dry powder, foam, carbon dioxide. Do not use heavy water stream.
Explosion hazard	No direct explosion hazard.
Reactivity	: This product is non-reactive under normal conditions of use, storage and transport.
Firefighting instructions	: Fight fire from a safe distance and protected location. do not enter area without suitable protective equipment, including respiratory protection.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. self-contained breathing apparatus. complete protective clothing.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

General measures	Remove ignition sources. Use special care to avoid static, electrical charges, Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.
-------------------------	--

Product Identifier: HD PENETRATING OIL 17

For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment .

Emergency procedures : Only qualified personnel with suitable protective equipment may intervene.

For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Do not attempt to take action without suitable protective equipment. Stop release. Ventilate area. Evacuate unnecessary personnel

For containment : Absorb material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers and streams. Stop leak without risk if possible.

Methods for cleaning up : Take up spilled liquid into inert absorbent material. Notify authorities if product enters sewers or public waters. Dispose of materials or solid residues at a

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling : Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product in the workplace. Limit quantities of the product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Wear personal protective equipment as required. Floors, walls and other surfaces in the hazard area must be cleaned regularly.

Hygiene measures : Separate working clothes from town clothes. Launder separately. Do not eat, drink or smoke when using this product. Always wash hands after handling the

Technical measures : Keep in a cool, well-ventilated place away from heat.

Product Identifier:

HD PENETRATING OIL 17

- Storage conditions** : Keep container tightly closed. Keep only in original container in a cool, well-ventilated place away from sparks, open flames, excessive heat.
- Incompatible materials** : Oxidizing agents, acids.
- Storage area** : Store away from heat. Store in a cool, dry well-ventilated area. Keep locked up.
- Packaging materials** : Keep only in original container. Meet the legal requirements. Always store product in original container of same material as original container.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control measures

Alkanes, C14 -16.
 Not applicable
 Hydrotreated heavy alkanes
 Not applicable
 Barium sulphonate.
 Not applicable

Personal protective equipment

Use appropriate personal protective equipment when risk assessment indicates this is necessary.
 Gloves, protective clothing, safety glasses.

Gloves. Protective goggles.
 Protective clothing.
 Use appropriate personal protective equipment when risk assessment indicates this is necessary.



Hand protection: Protective gloves
Eye protection: Safety glasses
Skin and body protection: Wear



SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Liquid
Appearance	: Dark brown, clear to hazy liquid.
Odour	: Hydrocarbon odour
Odour threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 98.8 °C Closed Cup
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapour pressure	: No data available

Product Identifier: HD PENETRATING OIL 17

Relative density : No data available

Relative vapour density at 20 °C : No data available

Specific gravity / density : 0.82 g/ml

Solubility : Insoluble in water.

Log Pow : No data available

Log Kow : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity : No data available

Viscosity, kinematic : <20 cSt

Viscosity, dynamic : No data available

VOC content : < 10 %

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: This product is non-reactive under normal conditions of use, storage and transport.

Stability: Stable under normal conditions.

Conditions to avoid: None under recommended storage and handling conditions..

Incompatible materials: Oxidizing agents, acids.

Hazardous decomposition products: Hazardous decomposition produces CO CO₂, oxides of nitrogen, and other potentially toxic fumes.

SECTION 11 – TOXICOLOGICAL INFORMATION

Alkanes, C14-16 (90622-46-1)	LD 50 (oral / rat) >5250 mg/kg IUCLID LD 50 (dermal / rabbit) > 2000 mg/kg IUCLID LC 50 (inhalation) > 5.8 mg/l 4 h
Hydrotreated heavy alkanes (64722-52-5)	LD 50 (oral / rat) >5000 mg/kg IUCLID LD 50 (dermal / rabbit) > 2000 mg/kg IUCLID
Barium Sulfonate (93820-55-4)	LD 50 (oral / rat) >16000 mg/kg IUCLID LD 50 (dermal / rabbit) > 16000 mg/kg IUCLID

Product Identifier:**HD PENETRATING OIL 17**

	LD 50 (dermal / rabbit) > 4000 mg/kg IUCLID LC 50 (inhalation) > 1.9 mg/l air Animal: rat Guideline EPA OPP 81-3 (Acute inhalation toxicity)
--	--

Acute toxicity : Not classified

Skin corrosion/ : Not classified

Serious eye damage/ irritation : Not classified

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : May cause cancer.

Reproductive toxicity : Not classified

Specific target organ toxicity (single : Not classified

Specific target organ toxicity (repeated : Not classified

Hydrotreated heavy alkanes (64722-52-5) 125 mg/kg bodyweight Animal: rat Animal sex: male Guideline OECD 408 (Repeated dose 90 day Oral Toxicity Study in Rodents)
LOAEL (oral/rat 90 days)

NOAEC (inhalation/rat dust/mist/fume 90 days) 0.96 mg/L air Animal: rat Guideline OECD 412 (Subacute Inhalation Toxicity: 28 Day

Barium Sulfonate (93820-55-4) 500 mg/kg bodyweight Animal: rat
LOAEL (oral/rat 90 days) Guideline OECD 407 Repeated dose 90 day Oral Toxicity Study in Rodents

NOAEC (dermal /rabbitt 90 days) >1000 mg/kg bodyweight Animal: rat
Guideline OECD 410 (Repeated Dermal Toxicity 21/28 day Study)

Aspiration hazard. May be fatal if swallowed and enters airways.

Symptoms/injuries after inhalation : Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation

Symptoms/injuries after skin contact : None under normal conditions.

Symptoms/injuries after eye contact : None under normal conditions.

Product Identifier: HD PENETRATING OIL 17

Symptoms/injuries after ingestion : Risk of lung oedema.

Likely routes of entry Skin and eye contact.

SECTION 12 - ECOLOGICAL INFORMATION

Ecology (General):	No additional information available.
Persistence and degradability:	No additional information available.
Bioaccumulation potential:	No additional information available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal recommendations : Disposal must be done according to official regulations.

SECTION 14 – TRANSPORT INFORMATION

Transportation of Dangerous Goods: Not regulated for transport under TDG

SECTION 15 - REGULATORY INFORMATION

THE CLASSIFICATION, LABEL AND SDS COMPLIES WITH THE REQUIREMENTS OF WHMIS.

SECTION 16 - OTHER INFORMATION

Information Sources:	SUPPLIER'S SAFETY DATA SHEET
Prepared by:	SHARE CANADA
Telephone:	1-204-633-8553
Latest revision date:	January 12, 2025