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MANUFACTURER:

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CONTACT FOR FURTHER INFORMATION:

Call in Oregon 503-286-8352

TRANSPORTATION EMERGENCIES:

Call CHEMTREC at 800-424-9300

IDENTIFICATION:

Product Name:	High VI Base Oil 100
Synonyms:	High VI Base Oil 100
Generic Name:	High VI Base Oil 100
Chemical Family:	Petroleum Hydrocarbon
DOT Proper Shipping Name:	Not Applicable
ID Number:	None

SECTION I – INGREDIENTS

	TLV	UNITS	AGENCY	TYPE
Oil mist, if generated	5.00	MG/M3	OSHA	Full term TWA

The identities of ingredients that are trade secrets are excluded from this list.

SECTION II – EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: For direct contact, flush the affected eye (s) with clean water. If irritation or redness develops, seek medical attention.

SKIN CONTACT: DO NOT USE GASOLINE, thinners or solvents to remove product from skin. Wipe material from skin and remove contaminated clothing. Cleanse affected area (s) thoroughly by washing with soap and water, if necessary, a waterless skin cleanser. If irritation or redness develops and persists, seek medical attention.

INHALATION (BREATHING): If irritation of nose or throat develops, move away from source of exposure and into fresh air. If irritation persists, seek medical attention. If victim is not breathing or if breathing difficulties develop, artificial respiration of oxygen should be administered by qualified personnel. Seek immediate medical attention.

INGESTION (SWALLOWING): If victim is conscious and alert, give 2 or 3 cups of milk or water to drink. Seek medical attention. To physician: emesis or lavage is not recommended for ingestion of minute quantities or taste of most hydrocarbons. Medical opinion is divided for larger ingestions. Emesis or lavage with a cuffed endotracheal tube is recommended by some physicians to prevent aspiration.

COMMENTS: Base oil: Following repeated skin application, animal studies have shown that Base oil has caused an increase of skin cancer in mice. It is therefore recommended that prolonged or repeated contact with Base oil be avoided.

SECTION III – POTENTIAL ADVERSE HEALTH EFFECTS

VENTILATION: If current ventilation practices are not adequate in maintaining airborne concentration below the established exposure limits, (see Section I), additional ventilation or exhaust may be required.

RESPIRATORY PROTECTION: If airborne concentrations exceed recommended exposure limits, a suitable filter-type respirator should be worn. (See Section I).

EYE PROTECTION: Approved eye protection to safeguard against potential eye contact, irritation or injury is recommended.

OTHER PROTECTIVE EQUIPMENT: It is suggested that a source of clean water be available in work area for flushing eyes and skin. Barrier creams that specific for oil-based materials are recommended when gloves are impractical.

SECTION V – REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY (MATERIALS TO AVOID): Avoid contact with strong oxidizing agents. Extended exposure to high temperatures may cause decomposition.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition in the presence of air may yield major amounts of oxides or carbon and minor amounts of oxides of nitrogen, phosphorus, sulfur and zinc.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI - SPILL OR LEAK PROCEDURES

(HIGHWAY OR RAILWAY SPILLS CALL CHEMTREC 800-424-9300 IN CONT. USA)

PRECAUTIONS IN CASE OF RELEASE OR SPILL: Collect leaking liquid in sealable containers. Absorb spilled liquids in sand or inert absorbent. Contact fire authorities and appropriate state/local agencies. If spill of any amount is made into or upon US Navigable waters, the contiguous zone, or adjoining shoreline, notify Coast Guard National Response Center at 800-474-8802.

WASTE DISPOSAL METHOD: Dispose of product in accordance with local, county, state and federal regulations.

SECTION VII – STORAGE AND SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS: Store in a cool, dry location. Keep away from incompatible materials (See Section V). Avoid generating mists while handling. Avoid prolonged or repeated skin contact. Always wash thoroughly after handling. For Base Oil launder saturated clothing before wearing and discard oil-soaked shoes and un-washable clothing.

SECTION VIII – FIRE AND EXPLOSION HAZARD DATA

HAZARD RANKING:

0=Least, 1=Slight, 2=Moderate, 3=High, 4=Extreme

NFPA HAZARDOUS CLASS:

Health Hazard:	0
Flammability:	1
Reactivity:	0
Other:	None

DOT FLAMMABILITY CLASSIFICATION: Not regulated

FLASH POINT: 300-400 °F

EXTINGUISHING MEDIA: Extinguish with dry chemical, CO₂, water spray, foam, sand or earth. Water and foam may cause frothing.

FIRE FIGHTING PROCEDURES:

Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes. Move undamaged containers from fire area if you can do so without risk.

SECTION IX – PHYSICAL DATA

Approximate boiling point:	Above 600 °F(316°C)
Vapor density:	Heavier than air
Evaporation rate:	Slower than ether
% Volatile	Negligible
\$ Solubility in water	Negligible
Specific gravity	.089-0.91
Appearance	Light clear liquid
Odor	Characteristic

SECTION X – PRECAUTIONARY LABEL

CAUTION: Base oil is a possible skin cancer hazard based on test with laboratory animals. Avoid prolonged or repeated skin contact. Avoid making or breathing oil mist. Use adequate ventilation. Always wash thoroughly with soap and water after handling.

SECTION XI – DOCUMENTARY INFORMATION

ISSUE DATE: January 26, 1993 Product Code MOHO

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