

MATERIAL SAFETY DATA SHEET

150 VIS 150 Oil (600) 150
 In Plant Common Name

QUAKER SUPREMA CHEMICAL CORP.
 P. O. DRAWER 77
 MONTGOMERY, AL 36101
SEAVIEW LUBRICANTS
 Manufacturer's Name
 P. O. BOX 1100, PAULSBORO, NJ 08066
 Address

 Preparer's Signature

1 (609) 423-5400
 Emergency Telephone Number
 1 (609) 423-5400
 Other Information Calls
 October 18, 1985
 Date Prepared

SECTION I - IDENTIFICATION

Name SL-150
 Gas Registry No. 64742-34-3
 Gas Name Chemically Neutralized Heavy Naphthenic Vacuum Distillate
 Chemical Family Petroleum Hydrocarbon

Hazard Material Identification System (HMIS)

Rating	Health
Least = 0	Fire
Slight = 1	Reactivity
Moderate = 2	Personal Protection
High = 3	
Severe = 4	

SL-150

H	0*
F	1
R	0
PP	X

SAFETY MC LAG

SECTION II - HAZARDOUS INGREDIENTS

Material(s): 100% Naphthenic Oil CAS 64742-34-3

SECTION III - PHYSICAL DATA

Boiling Point @ 1 ATM., °C/°F	<u>590°F</u>	% Volatile by Volume	<u>Nil</u>
Vapor Pressure @ 15°C, mmHg	<u>Less than 0.0001</u>	Evaporation Rate	<u>1000 x Slower</u>
Vapor Density (Air = 1)	<u>10+</u>	(Ethyl Ether = 1)	<u>300</u>
Water Solubility (% by Volume)	<u>Nil</u>	Molecular Weight	<u>Dark Amber Liquid</u>
Specific Gravity (H ₂ O = 1)	<u>.93</u>	Appearance & Odor	<u>Little or No Odor</u>

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point, °F 300° min. COC
 Auto-ignition Temperature, °F 685° Estimated
 Flammability Classification: OSHA IIIB
 HAZARD RATING DOT Not Regulated

Health  Reactivity

Least = 0 Slight = 1 Moderate = 2 High = 3 Severe = 4

FLAMMABILITY LIMITS IN AIR

Specific Hazard

Lower Explosive Level (LEL) Not Determined Upper Explosive Level (UEL) Not Determined

EXTINGUISHING MEDIA: Water Fog, Dry Chemical, CO₂, Chemical Foam

SPECIAL FIRE FIGHTING INSTRUCTIONS: Wear self-contained breathing equipment when fighting fire in contained area.

II - REACTIVITY

STABILITY: X STABLE UNSTABLE

COMPATIBLE MATERIALS: Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide and Asphyxiants

POLYMERIZATION: Will not polymerize

XI - HEALTH HAZARD INFORMATION

EXPOSURE LIMITS: Eight (8) hour TWA (Time Weighted Average) - permissible exposure

MG/M³ (as per ACGIH)

DESCRIPTIONS OF EXPOSURE AND EFFECTS

INHALATION: No effects anticipated to 25 MG/M³ of air.

SKIN: Non-toxic by skin absorption; practically non-irritating. Dermal LD 50 for similar products was greater than 5g/kg (rabbits) - See Section XI for additional hazard warning.

EYE: Practically non-irritating. Primary eye irritation scores for similar products have ranged from 0.00 to 0.33 (24 hour score - rabbits).

INGESTION: Practically non-toxic. Oral LD 50 for similar products is greater than 5.0g/kg of rat body weight.

IS LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN

CHRONIC TOXICOLOGY PROGRAM YES X NO ; I.A.R.C. MONOGRAPHS X YES NO
 YES X NO

FIRST AID

INHALATION: None normally required.

SKIN: Wash well with soap and water. Remove oil soaked clothing. Wash clothing before reuse.

EYE: Flush with water until any irritation subsides.

INGESTION: If swallowed, give liquids & induce vomiting. Call a physician. If victim is unconscious, do not give liquids or induce vomiting. Small amounts that may accidentally enter the mouth should be rinsed out until no taste of the product remains.

SECTION VII - PROTECTION INFORMATION

VENTILATION: As needed to maintain compliance with workplace environmental exposure limit.

PERSONAL PROTECTION EQUIPMENT

1. EYE: Because product is minimally irritating, refer to local safety policy decision.
2. GLOVES: No unusual precautions required.
3. RESPIRATOR: The concentration-in-air determines the needed protection. Only NIOSH approved respiratory equipment is to be used.
4. OTHER: None usually required.

SECTION VIII - ENVIRONMENTAL PROTECTION

AQUATIC TOXICITY: No data available. Product is considered an oil under the Clean Water Act. Keep out of surface waters.

SPILL, LEAK OR RELEASE: No unusual hazard. Clean up using oil absorbent.

WASTE DISPOSAL: Disposal is covered by State, Federal & Local Regulations.

SECTION IX - STORAGE AND HANDLING CONDITIONS

Keep away from fire, flame and sparks. Storage as per NFPA - Class IIIB

SECTION X - SUPPLEMENT

Products of this type & similar processing history have been classified as Class I by the International Agency for Research on Cancer. Skin painting studies of petroleum products of similar composition & processing have shown that these types of materials often possess weak carcinogenic activity in laboratory animals. Therefore, in the absence of good personal hygiene, there may be a potential risk of skin cancer from prolonged or repeated contact. This particular product has not been tested for carcinogenic activity, but we have chosen to be cautious in light of findings with other similar products. Occasional skin contact with this product is not expected to have serious effects, but good personal hygiene should be practiced and repeated skin contact limited to avoid the possibility of skin irritation. Personal hygiene measures taken to prevent skin irritation are expected to be adequate to prevent risk of skin cancer.