Safety Data Sheet

No: L272

CPC Base Oil PM70N(II)、PM150N(II)、PM500N(II) Base Oil Ver.2.0

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Product Name: CPC Base Oil PM70N(II)、PM150N(II)、PM500N(II)

Other name:---

Product Code: LB20012、 LB20030、LB20100

Manufacturer Name: Lubricants Business Division, CPC Corporation, Taiwan
Address:
6F, 15, Cheng-Kung 2nd RD, Chen-Zerng District, Kaohsiung, 806, Taiwan, R.O.C.
Telephone Number: 886-7-5361510

Emergency Telephone Number: 886-5-2224171 Ext. 7250
Fax Number: 886-5-2232062

II. HAZARDS IDENTIFICATION

NFPA RATINGS (SCALE 0-3): HEALTH=1 FIRE=1 REACTIVITY=0

The Most Important Hazardous Effects:
1. Adverse Human Health Effects:
(For Long Term Exposure)
Inhalation : no information is available.
Skin Contact : skin disorders.
Eye Contact : irritation.
Ingestion : no information is available.
2. Environmental Effects: no information is available.
3. Physical and Chemical Hazards: Mist or vapors can produce at elevated temperatures.
4. Specific Hazards: no information on significant adverse effects.

III. COMPOSITION, INFORMATION ON INGREDIENT

1. Product Identification:
Chemical Family: Petroleum Hydrocarbons
Chemical Formula: Mixture
Trade Name/Synonym: Not assigned
2. Component:

Ingredients	CAS Number	% by vol.
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	100

IV. FIRST AID MEASURE

Emergency Procedures:
Inhalation :
Remove from exposure area to fresh air immediately. If breathing has stopped, perform artificial respiration. Keep person warm and at rest. Treat symptomatically and supportively. Get medical attention immediately.
Skin Contact :
Remove contaminated clothing and shoes immediately. Wash affected area with soap or mild detergent and large amounts of water until no evidence of chemical remains (approximately 15 - 20 minutes). Get medical attention immediately.
Eye Contact :
Wash eyes immediately with large amounts of water or normal saline (approximately 15 - 20 minutes). Get medical attention immediately.
Ingestion :
Do not induce vomiting. If vomiting occurs, keep head lower than hips to help prevent aspiration. Treat symptomatically and supportively. Get medical attention.

Protection of First-aider: no information is available.

Notes to Physician: no information is available.

V. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: regular dry chemical, carbon dioxide, water, regular foam.
Large fires: Use regular foam or flood with fine water spray.

Specific Hazards: Incomplete burning can produce carbon monoxide and/or carbon dioxide
and other harmful products.

Special Fire Fighting Procedures:
1. Firefighters should wear proper protective equipment stay upwind.
2. Move container from fire area and shut off source if it can be done without risk.
3. Cool containers with water spray until well after the fire is out.
4. Do not scatter spilled material with high-pressure water streams.
5. Keep unnecessary people away, isolate hazard area and deny entry.
6. Avoid inhalation of material or combustion by-products.

VI. ACCIDENTAL RELEASE MEASURES

Personal Precautions:
1. Avoid heat, flames, sparks and other sources of ignition.
2. Stop leak if you can do it without risk.
3. Reduce vapors with water spray.

Environmental Precautions:
1. Eliminate all open flame in vicinity of spill or released vapor.
2. Stop the source of the leak or release.
3. Clean up releases as soon as possible.
4. Contain liquid to prevent further contamination of soil, surface water or groundwater.

Methods for Cleaning Up:
1. Clean up small spills using sand or other non-combustible material.
2. Collect spilled material in appropriate container for disposal.
3. Where feasible and appropriate, remove contaminated soil.
4. Follow prescribed procedures for reporting and responding to larger releases.

VII. HANDLING AND STORAGE

Handling:
1. Wear protective equipment, if exposure conditions warrant.
2. Wash thoroughly after handling.
3. Use with adequate ventilation.
4. Handle in accordance with all current regulations and standards.

Storage:
1. Keep away from heat, sparks and flames.
2. Store in well-ventilated area.
3. Store in a tightly closed container.
4. Store in a cool, dry place.
5. Bond and ground during transfer.
6. Keep separated from incompatible substances.
7. Storage in accordance with all current regulations and standards.

VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Control: Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits.

Control Parameter:

HAZARDOUS MATERIAL	8 Hr. TWA	STEL	CEILING
Mineral Oil Mist	ACGIH: 5 mg/m^3 NIOSH: 5 mg/m^3 OSHA : 5 mg/m^3	NIOSH : 10 mg/m^3 UK OES : 10 mg/m^3	--

Personal Protection Equipment:
Respiratory Protection:
Not generally required unless needed to prevent respiratory irritation. In case of spill or leak resulting in unknown concentration, use NOISH approved supplied air respirator.
Hand Protection:
Wear appropriate chemical resistant gloves.
Eye Protection:
Wear splash resistant safety goggles or face shield. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.
Skin and Body Protection:
Wear appropriate chemical resistant clothing. Remove any chemical soaked clothing immediately.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: liquid	Form: Colorless and transparent liquid
Color: Colorless and transparent	Odor: a little oily odor
PH : Not available	Boiling Range: >204℃ (399℉)
Decomposition Temperature: No data	Flash Point: PM70N(II) 180℃ (356℉)； PM150N(II) 226℃ (438℉)； PM500N(II) 246℃ (475℉) Test Method: Open Cup
Autoignition Temperature: 200~410℃	Flammable Limits: No t available
Vapor Pressure: No data	Vapor Density: (Air = 1) ＞ 5
Specific Gravity: PM70N(II) 0.8498 g/cm3 @ 60℉； PM150N(II) 0.8559 g/cm3 @ 60℉； PM500N(II) 0.8650 g/cm3 @ 60℉	Solubility: insoluble in water
Flammability：Flammability	Volatilization rate：No data
Kow (Octanol-Water Partition Coefficient) (log kow): No data	Melting point freezing point：POUR POINT PM70N(II) -33℃； PM150N(II) -15℃； PM500N(II) -12℃

X. STABILITY AND REACTIVITY

Stability: Stable under normal temperatures and pressures.
Possible Hazardous Reactions: Polymerizationwill not occur.
Conditions to Avoid: Avoid heat, flames, spark and other sources of ignition. Avoid contact with incompatible material.
Materials to Avoid: strong oxidizers.
Hazardous Decomposition Products: Oxides of carbon and various hydrocarbons formed when burned.

XI. TOXICOLOGICAL INFORMATION

Acute Toxicity: >5 gm/Kg oral-mouse LD50, >2 gm/Kg skin-rat LD 50
Inhalation:
Repeated or prolonged exposure to vapors, fumes or mists may cause irritation of the respiratory tracat.
Skin Contact:
Repeated or prolonged contact may cause irritation and/or other skin effects relating to clogging of the pores of the skin.
Eye Contact:
Liquid may cause irritation. Excessive exposure to vapors fumes or mists may cause irritation.
Ingestion:
May cause gastrointestinal disturbance such as nausea, vomiting and diarrhea.

Local Effect: No data available.

Sensitization: No data available.

Chronic Toxicity:
Inhalation:
Repeated or prolonged contact with oils may cause fibrotic nodules, lipoid pneumonia,
and lipid granuloma.
Skin Contact:
Repeated or prolonged contact may cause defatting of the skin which may result in dermatitis and effect as detailed in acute exposure.
Eye Contact: Repeated or prolonged contact with irritants may cause conjunctivitis.
Ingestion: No data available.

Specific Effects: No data available.

XII. ECOLOGICAL INFORMATION

Environmental Mobility: No data available.

XIII. DISPOSAL CONSIDERATIONS

Subject to disposal regulations:
Disposal must be in accordance with local EPA's regulations.

XIV. TRANSPORT INFORMATION

No classification assigned.

XV. REGULATORY INFORMATION

Based on information available, this product does not contain any chemical substance regulated by a specific list.

XVI. OTHER INFORMATION

Reference Literatures	OHS 15037
Made By	Lubricants Business Division, CPC Corporation, Taiwan

	Title: OHS Engineer	Name: Fong-Wu Chen
Creation Date	April 22, 2024	

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