Safety Data Sheet

CPC High Performance Oil Cleaner **Ver. 4.1**

Ⅰ. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: CPC High Performance Oil Cleaner
Product Code: LA60320
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 or 6666 Fax Number: 886-5-2232062

Ⅱ. HAZARDS IDENTIFICATION

NFPA Ratings (Scale 0-4): Health=1 Fire=1 Reactivity=0

Potential Health Effects:

- Eye Contact: Mildly irritating.
- Skin Contact:
  No adverse effects expected under typical use conditions. Prolonged exposure may cause dryness. Chemical sensitive individuals may experience mild irritation.
- Ingestion: May cause stomach or intestinal irritation if swallowed.
- Inhalation:
  No adverse effects expected under typical use conditions. Adequate ventilation should be present for prolonged usage in small enclosed areas.

Ⅲ. COMPOSITION, INFORMATION ON INGREDIENT

Ingridents	CAS Number	Percent Ranges
Water	7732-18-5	89-90
Dipropylene Glycol Methyl Ether	4590-94-8	5~6
Tetra Potassium Pyrophosphate	7320-34-5	1.0~1.5
Propylene Glycol Monomethyl Ether	107-98-2	2~3

Ⅳ. FIRST AID MEASURE

Emergency Procedures:

- Inhalation :
  If adverse effects occurs, move to fresh air. Get medical attention immediately.
- Skin Contact:
  Remove contaminated clothing, jewelry and shoes immediately. Wash with soap or mild detergent and large amounts of water until no evidence of chemical remains (at least 5 minutes). If irritation or adverse symptoms develop, seek medical attention.
- Eye Contact :
  Flush eyes immediately with running water for at least fifteen minutes, occasionally lifting upper and lower lids, until no evidence of chemical remains. Get medical attention immediately.
- Digestion: Drink plenty of water to dilute.

Protection of First-aider: Should wear proper protective equipment stay up wind

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 up wind.
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 possible without personal 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. Do not allow into open waterways and ground water systems.

Methods for Cleaning Up:
1. Dilute with water and rinse into sanitary sewer system or soak up with inert absorbent material.
2. Collect spilled material in appropriate container for disposal.

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	TWA	STEL
Dipropylene Glycol	NIOSH: 100ppm (600mg/m^3)	NIOSH :150ppm(900mg/m^3)
Methyl Ether	OSHA :100ppm (600 mg/m^3) 【skin】	

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 goggle surface 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: Brown liquid
Color: Brown	Odor: No specific irritant odor
PH: 9.9	Boiling Range: No data
Decomposition Temperature: No data	Flash Point: Not available
Auto-ignition Temperature: No data	Flammable Limits: Not available
Vapor Pressure: Not available	Vapor Density: Not available
Specific Gravity: 1.02 @ 25℃	Solubility: Soluble in water

Ⅹ. STABILITY AND REACTIVITY

Stability: Stable at normal temperatures and pressure.
Possible Hazardous Reactions: Will not polymerize.
Conditions to Avoid: Avoid heat, flames, spark and other sources of ignition. Avoid contact within compatible material.
Materials to Avoid: Strong oxidizing agents.
Hazardous Decomposition Products: Oxides of carbon and various hydrocarbons formed when burned.

Ⅺ. TOXICOLOGICAL INFORMATION

Acute Toxicity:

- Oral LD_{50}(rat) 5.22g/kg body weight
- 500mg/24H(rabbit eye) slightly irritating

Toxicity calculated from ingredients using OECD SERIES ON TESTING AND ASSESSMENT number 33

Local Effect: No data available.

Sensitization: No data available.

Chronic Toxicity:

- Carcinogens: No ingredients are listed by OSHA, IARC, or NTP as known or suspected carcinogens.

Specific Effects: No data available.

XII. ECOLOGICAL INFORMATION

Hazard to wild mammals:	Low, based on toxicology profile
Hazard to avian species:	Low, based on toxicology profile
Hazard to aquatic organisms:	Low, based on toxicology profile
Chemical Fate information:	Readily Biodegradable per OECD 301D, Close Bottle Test

XIII. DISPOSAL CONSIDERATIONS

Subject to disposal regulations:

Appropriate methods for disposal：

Unused product： *Dilute with water to use concentration and dispose by sanitary sewer.

Used product： *The product can enter into clarifiers and oil/water separators.

Empty Containers： *Triple-rinse with water and offer for recycling if available in your area. Otherwise, dispose as non-hazardous waste.

*Dispose of used or unused product, and empty containers in accordance with Local, State, Provincial, and Federal regulations for your location. Never dispose of used degreasing rinse into lakes, streams, and open bodies of water or storm drains.

XIV. TRANSPORT INFORMATION

U.S. Department of Transport (DOT)/Canadian TDG: Not Regulated

IMO/IDMG： Not Classified as Dangerous

ICAO/IATA： Not Classified as Dangerous

ADR/RID： Not Classified as Dangerous

U.N. Number Not Required Proper Shipping Name: Detergent solution

Hazard Class: Non-Hazardous Marine Pollutant: No

XV. REGULATORY INFORMATION

Suitable Regulations:

1. Standards of Permissible Exposure Limits of Airborne Hazardous Substances in Workplace
2. Methods and Facilities Standards for the Storage, Clearance and Disposal of Industrial Waste
3. Regulation of Labelling and Hazard Communication of Dangerous and Harmful Materials

XVI. OTHER INFORMATION

Reference Literatures	1. OHS database,2000 2. Additive SDS	
Made By	Lubricants Business Division, CPC Corporation, Taiwan	
	Title: OHS Manager	Name: Fong-Wu Chen
Creation Date	SEP. 21, 2016	

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