

# Material Safety Data Sheet

No: L201 CPC Transformer Oil

Ver.:3.7

## I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL Product Name: CPC Transformer Oil
Other name : — —
Product Code: LA 66816
Manufacturer Name: <a href="#">Lubricants Business Division, CPC Corporation, Taiwan</a> 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. 7103 or 6666 Fax Number: 886-5-2232062

## II. HAZARDS IDENTIFICATION

NFPA Ratings (Scale 0-4): Health=1 Fire=1 Reactivity=0
<b>The Most Important Hazardous Effects:</b> <b>1. Adverse Human Health Effects:</b> (For Long Term Exposure) <ul style="list-style-type: none"><li>• Inhalation: no information on significant adverse effects.</li><li>• Skin Contact : skin disorders.</li><li>• Eye Contact : irritation.</li><li>• Ingestion: no information is available.</li></ul> <b>2. Environmental Effects:</b> no information is available. <b>3. Physical and Chemical Hazards:</b> Mist or vapors can produce at elevated temperatures. <b>4. Specific Hazards:</b> no information on significant adverse effects.
<b>Main Symptoms:</b> <ul style="list-style-type: none"><li>• Inhalation : no information on significant adverse effects.</li><li>• Skin Contact : skin disorders.</li><li>• Eye Contact : irritation.</li><li>• Ingestion : aspiration hazard, digestive disorders.</li></ul>

## III. COMPOSITION, INFORMATION ON INGREDIENT

### 1. CHEMICAL Product Identification:

Chemical Family: Petroleum Naphthenic Hydrocarbons

Chemical Formula: Mixture

Trade Name/Synonym: Not assigned

### 2. Component:

Ingredients CAS Number % by vol.

Distillates (petroleum), hydrotreated light naphthenic 64742-53-6 >99.92%

## IV. FIRST AID MEASURE

### Emergency Procedures:

- Inhalation :  
Remove personnel from exposure area to fresh air immediately. If breathing is difficult, give oxygen. If breathing ceases, use an oxygen rescuer or similar device to perform artificial respiration. 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 15~20 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 :  
If vomiting occurs, keep head lower than hips to help prevent aspiration. Get medical attention.

**Protection of First-aiders:** no information is available.

**Notes to Physician:** no information is available.

## V. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** regular dry chemical, carbon dioxide,, regular Foam.

For safety reasons unsuitable extinguishing agents. Water

**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.

Protective equipment put on breathing apparatus.

**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:**

In case of seeping into lakes and rivers canalization or soil you must inform the appropriate authority.

Do not let this product get into lakes and rivers. Ground water , canalization or soil.

**Methods for Cleaning Up:**

1. Absorb with liquid-binding material (sand acid binders ,universal binders. Sawdust.
2. Dispose of the material collected according to regulations.

**VII. HANDLING AND STORAGE****Handling:**

1. Information for safe handing.  
Ensure good ventilation/exhaustion at the workplace.,  
prevent formation of aerosols.  
Keep contain tightly sealed.
2. Information about protection against explosions and fires.  
Keep ignition sources away – Do not smoke.

**Storage:**

1. Requirements to be met by storerooms and containers. Prevent any penetration into ground.
2. Information about storage in one common storage facility. : Not required.
3. Further information about storage conditions.  
Protect from heat and direct sunlight.  
Store container in a well ventilated position.

## VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- **Components** with critical values that require monitoring at the workplace

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- General Protective and hygienic measures.:  
the usual precautionary measures should be adhered to in handling the chemicals. Wash hands during breaks and the end of the work.
- Eye Protection:  
Safety glasses recommended during refilling. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.
- Breathing equipment : Not required  
Wear appropriate chemical resistant clothing. Remove any chemical soaked clothing immediately.

## IX. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: liquid	Form: clear viscous liquid
Color: Clear	Odor: no specific irritant odor
Decomposition Temperature: No data	Flash Point: > 145°C (293°F) Test Method: Open Cup
Autoignition Temperature: No data	Flammable Limits: Not available
Danger of explosion: product is not explosive	Octanol-Water Partition Coefficient, <b>Kow</b> : No data
Specific Gravity: 0.883 @ 15.6 °C ( 60°F )	Solubility: insoluble in water

## X. STABILITY AND REACTIVITY

**Stability:** Stable at normal temperatures and pressure.

**Dangerous Reactions:** No dangerous reactions known.

**Thermal decomposition /Conditions to Avoid:**

Avoid heat, flames, spark and other sources of ignition. Avoid contact with incompatible material.

**Hazardous Decomposition Products:**

No dangerous decomposition products known.

## XI. TOXICOLOGICAL INFORMATION

**Acute Toxicity:**

No risk if used according to specifications.

- Skin Contact:  
Irritation may due to longer exposition.
- Eye Contact:  
Irritation may due to longer exposition.

**Sensitization:** No sensitizing effect known.

**Specific Effects:** No data available.

## XII. ECOLOGICAL INFORMATION

**General notes.**

**Slightly hazardous for water.**

**Do not allow product to reach ground water bodies or sewage system.**

## XIII. DISPOSAL CONSIDERATIONS

**Subject to disposal regulations:**

Product

Recommendation :

Must not disposed together with household garbage.

Do not allow product to reach sewage system

Delivery of waste oil only to officially authorized collectors.

Unclean packaging.

Recommendation :

Disposal must be made according to official regulations.

## XIV. TRANSPORT INFORMATION

This product is not a hazardous product according to national and international transport rules. not restricted.

## XV. REGULATORY INFORMATION

**Suitable Regulations:**

1. U.S. Regulations:

TSCA Inventory Status: Y

SARA Hazard Categories, SARA Sections 311/312(40 CFR 370.21):

Acute: N

Chronic: N Fire: N Reactive: N OSHA Process Safety (29 CFR 1910.119): N  2. State Regulations: California Proposition 65: N  3. European Regulations: EC Number: Not assigned
--

**XVI. OTHER INFORMATION**

Reference Literatures	OHS 11250	
Made By	<a href="#">Lubricants Business Division, CPC Corporation, Taiwan</a>	
	Title: OHS Manager	Name: Fong-Wu Chen
Creation Date	JUNE. 27, 2019	

CPC Corporation, Taiwan (CPC) believes that the information contained herein (including data and statements) is accurate as of the date hereof.

**NO ANY WARRANTY, EXPRESS OR IMPLIED, IS MADE AS CONCERNS THE INFORMATION HEREIN PROVIDED.**

The information provided herein relates only to the specific product designated and may not be valid where such product is used in combination with any other materials or in any process. Further, since the conditions and methods of use of the product and information referred to herein are beyond the control of CPC.

CPC expressly disclaims any and all liability as to any results obtained or arising from any use of product or such information.