

Safety Data Sheet

No: L263 CPC TDAE Rubber Processing Oil Ver.1.0

I. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Chemical Name: CPC TDAE Rubber Processing Oil

Product Code: LB79064

Product Use: Extender oil and rubber processing oil

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. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Characterization	CAS No.	EC No.	VOL %
Refined solvent-mineral oil	64741-88-4	265-090-8	100%

III. Special hazards information on ingredients

Special hazards information for humans and environment

The product is not dangerous/is not a dangerous preparation and therefore free of labelling.

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 a 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). Consult a doctor if irritation or adverse symptoms develop.
- 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. Seek medical advice immediately.

- Ingestion :
If vomiting occurs, keep head lower than hips to prevent aspiration. Call a medical doctor immediately..

V. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: dry powder, carbon dioxide, water mist, 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 and 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. Use breathing apparatus if exposed to vapors /aerosol.
2. Use personal protective clothing.
3. Avoid heat, flames, sparks and other sources of ignition.
4. Stop leak if possible without personal risk.
5. 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/taking up:

1. Clean up small spills using sand or other non-combustible material.
2. Collect spilled material in appropriate container for disposal.
3. Remove contaminated soil according to regulation.
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. Do not store together with oxidizing agents.
7. Keep separated from incompatible substances.
8. Storage in accordance with all current regulations and standards.

VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Additional information about design of technical facilities: No further data; see item 7.

· *Control parameters*

· *Ingredients with limit values that require monitoring at the workplace:*

· *Additional information:* The lists valid during the making were used as basis.

· *Exposure controls*

· *Personal protective equipment:*

· *Respiratory protection:*

Respiratory equipment in case of nebulosity or aerosol: Use a mask with a filter type A2, A2/P2 or ABEK.

· *Protection of hands:*

Protective gloves

Material of gloves: Material must comply with EN 374.

Eye protection:

Face protection

Body protection: Flame resistant clothing

IX. PHYSICAL AND CHEMICAL PROPERTIES

· *Information on basic physical and chemical properties*

· *General Information*

· *Appearance:*

Form: Semi-solid

Colour: Not determined.

· *pH-value:* Not applicable.

· *Change in condition*

Melting point/freezing point: 0°C to 40°C (Pour point method, EN ISO 3016)

Initial boiling point and boiling range: 350°C to 500°C (EN 15199 and ASTM 2887 D)

· *Flash point:* >220°C (EN ISO 2719, D93 guidelines)

· *Flammability (solid, gas):* Product is not flammable.

· *Ignition temperature:* Study does not need to be conducted because the substance is non-flammable in air.

· *Decomposition temperature:* Not determined.

· *Auto-ignition temperature:* Not determined.

· *Explosive properties:* Product does not present an explosion hazard.

· *Explosion limits:*

Lower: There are no chemical groups associated with explosive properties present in the molecule⁴

Upper: There are no chemical groups associated with explosive properties present in the molecule

· *Vapour pressure:* <0.1 hPa @ 20C

· *Density:*

Relative density: 0.930 to 0.970 g/cc at 15°C

Vapour density: Not determined.

Evaporation rate: Not determined.

· *Solubility in / Miscibility with*

water: Cannot be measured as the substance is a hydrocarbon UVCB and test methods are intended for single substances.

· *Partition coefficient: n-octanol/water:* Not determined.

· *Viscosity:*

Dynamic: 240-600 mm²/s @40 °C

Organic solvents: 0.0 %

· *Other information* No further relevant information available.

X. STABILITY AND REACTIVITY

Stability: Stable at normal temperatures and pressure.
Possible Hazardous Reactions: Hazardous polymerization reactions will not occur.
Conditions to Avoid: Avoid heat, flames, spark and other sources of ignition. Avoid contact with incompatible material.
Materials to Avoid: strong oxidizing agents.
Hazardous Decomposition Products: oxides of carbon, sulphide, smoke and hazardous gases.

XI. TOXICOLOGICAL INFORMATION

· *Information on toxicological effects*

· *Acute toxicity*

· *LD/LC50 values relevant for classification:*

Oral: Rat LD50: >5000 mg/kg (OECD guideline 401)

Dermal: Rabbit LD50: >5,000 mg/kg (OECD guideline 403)

Inhalation: Rat LC50: > 5.0 mg/L (4hours) (OECD guideline 402)

· *Primary irritant effect:*

· *Skin corrosion/irritation* No irritant effect.

· *Serious eye damage/irritation* No irritating effect.

XII. ECOLOGICAL INFORMATION

Environmental Mobility: No data available.

Physico-chemical degradability : The product is insoluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

Biological degradability : not readily degradable.

XIII. DISPOSAL CONSIDERATIONS

Subject to disposal regulations:

Where possible, recycle this product. Dispose in accordance with all applicable regulations.

XIV. TRANSPORT INFORMATION

Not classified as hazardous material for transport.

XV. REGULATORY INFORMATION

The product does not require a hazard warning label in accordance with EC directives on dangerous substances

XVI. OTHER INFORMATION

Reference Literatures	1. GHS (Global Harmonized System)	
Made By	Lubricants Business Division, CPC Corporation, Taiwan	
	Title: OHS Manager	Name: Fong-Wu Chen
Creation Date	May 18, 2021	

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