

# Safety Data Sheet

No : L280

CPC Bio Cutting Oil BC69

Ver.2.0

## I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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| <b>CHEMICAL Product Name:</b> CPC Bio Cutting Oil BC69   |
| <b>Other name:</b> — —   |
| <b>Product Code:</b> LB 73769  |
| <b>Manufacturer Name:</b> Lubricants Business Division, CPC Corporation, Taiwan<br><b>Address:</b><br>6F, 15, Cheng-Kung 2nd RD, Chen-Zerng District, Kaohsiung, 806, Taiwan, R.O.C.<br><b>Telephone Number:</b> 886-7-5361510 |
| <b>Emergency Telephone Number:</b> 886-5-2224171 Ext. 7250<br><b>Fax Number:</b> 886-5-2232062   |

## II. HAZARDS IDENTIFICATION

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

## III. COMPOSITION, INFORMATION ON INGREDIENT

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| <b>1. CHEMICAL Product Identification:</b><br>Chemical Family: Hydrocarbons |
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Chemical Formula: Mixture  
Trade Name/Synonym: Not assigned

**2. Component:**

| Ingredients                        | CAS Number | % by weight. |
|------------------------------------|------------|--------------|
| 2-ethylhexyl oleate                | 26399-02-0 | 60.0 ~ 99.0% |
| 1,3,4-Thiadiazolidine-2,5-dithione | 91648-65-6 | ≤ 40.0%      |

**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 to 20 minutes). If irritation or adverse symptoms develop, seek medical attention.
- **Eye Contact:**  
Flush eyes immediately with running water for at least 15 minutes, occasionally lifting upper and lower lids, until no evidence of chemical remains. Get medical attention immediately.
- **Ingestion:**  
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this chemical are swallowed, get medical attention immediately.

**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, 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, sulfur 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 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. 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.
5. Avoid strong oxidizer.

### **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:**

- 8-hour time-weighted average exposure limits/Short-term exposure limits/  
maximum exposure limits: No data available.
- Biological standards: No data available.

**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 NIOSH 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

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|--|--|
| Physical State: liquid                                   | Form: Yellow clear liquid                              |
| Color: yellow  | Odor: no special odor                                  |
| pH: Not available  | Boiling Range: No data                                 |
| Decomposition Temperature: No data                       | Flash Point: 234°C (453.2°F )<br>Test Method: Open Cup |
| Autoignition Temperature: No data                        | Flammable Limits: Not available                        |
| Vapor Pressure: Not available                            | Vapor Density: Not available                           |
| Specific Gravity: 0.876 g/cm <sup>3</sup> @ 15.6°C       | Solubility: insoluble in water                         |
| Octanol-water partition coefficient (logKow):<br>No data | Evaporation rate(n-butyl acetate=1): No data           |

## X. STABILITY AND REACTIVITY

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

**Possible Hazardous Reactions:** No data available.

**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:** Combustion may generate carbon monoxide, carbon dioxide, and other products of incomplete combustion. No hazardous decomposition products when stored and handled correctly.

## XI. TOXICOLOGICAL INFORMATION

### Acute Toxicity:

- 2-ethylhexyl oleate: May be harmful by inhalation if exposure to vapor, mists or fumes resulting from thermal decomposition products occurs. Ingestion of larger quantities may cause nausea and diarrhoea.
- 1,3,4-Thiadiazolidine-2,5-dithione: Swallowing material may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea, and abdominal pain. Prolonged or repeated contact may also cause skin irritation.

**Local Effect:** No data available.

**Sensitization:** No data available.

### Chronic Toxicity:

- 1,3,4-Thiadiazolidine-2,5-dithione: Prolonged or repeated contact may cause skin irritation.

**Specific Effects:** No data available.

## XII. ECOLOGICAL INFORMATION

**Environmental Mobility:** No data available.

## XIII. DISPOSAL CONSIDERATIONS

### Subject to disposal regulations:

Dispose in accordance with all applicable regulations.

## XIV. TRANSPORT INFORMATION

No classification assigned.

## 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 | SDS of the ingredients:<br>1.2-ethylhexyl oleate, (Ver. 1.5, 2023)<br>2.1,3,4-Thiadiazolidine-2,5-dithione, (Ver. 4.0, 2022) |                       |
| Made By               | <a href="#">Lubricants Business Division, CPC Corporation, Taiwan</a>  |                       |
|                       | Title:<br>Project Manager  | Name:<br>Fong-Wu Chen |
| Creation Date         | Oct.30, 2023   |                       |

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