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**CPI ENGINEERING SERVICES**  
**P O BOX 912**  
**BROOKVALE NSW 2100**  
**Emergency Number: (02) 9939 9988**

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Section 1 **Product Name and Information**

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**Product (Trade Name and Synonyms): BITZER B5 OIL**

Chemical Name: Semi-synthetic Hydrocarbon

Chemical Family: Petroleum Hydrocarbon

Formula: Proprietary

CAS#: Proprietary

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Section 2 **Components and Hazard Statement**

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This material has no known hazards under applicable laws. The product contains no known carcinogens. No special warning labels are required under OSHA 29 CFR 1910.1200.

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Section 3 **Safe Handling and Storage**

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Handling: Do not take internally. Avoid contact with skin, eyes, and clothing. Upon contact with skin, wash exposed area with soap and water. If product enters the eyes, flush with water for 15 minutes and consult a physician. Wash contaminated clothing before reuse.

Storage: Keep container tightly sealed when not in use.

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**Section 4****Physical Data**

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Appearance: Amber liquid

Boiling Point: >350°F

Vapor Pressure: <0.5 mmHg @ 20°C

Specific Gravity (water=1): 0.89-0.905

Volatiles, Percent by Volume: 0%

Odor: slight

Solubility in Water: insoluble

Evaporation Rate (butyl acetate=1): nil

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**Section 5****Fire and Explosion Hazards**

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Flash Point (Cleveland Open Cup): 330-345°F

Flammable Limits: not established

Auto ignition Temperature: no data

HMIS Ratings:

Health: 0

Flammability: 1

Reactivity: 0

Personal Protection: B

NFPA Ratings in air: not established

Extinguishing Media: Dry chemical; CO<sub>2</sub> foam; water spray (fog)

Unusual Fire and Explosion Hazards: None

Special Fire Fighting Techniques: Toxic fumes, gases or vapors may evolve on burning.

Firefighters should use NIOSH/MNSA-approved self-contained breathing apparatus. Use water to cool fire-exposed containers. Use water carefully near exposed liquid to avoid frothing and splashing of hot liquid.

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Section 6

**Reactivity Data**

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Stability: Stable

Hazardous Polymerization: Will not occur

Incompatible Materials: Strong oxidizers

Conditions to Avoid: Excessive heat

Hazardous Decomposition Products: Analogous compounds evolve carbon monoxide, carbon dioxide, and other unidentified chemicals when burned. See section 5.

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Section 7

**Health Hazard Data**

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Threshold Limit Value: 5 mg/m<sup>3</sup> for oil mist

Situations to Avoid: Avoid breathing oil mists.

First Aid Procedures:

Ingestion: DO NOT INDUCE VOMITING. If conscious, give 2 glasses of water and consult physician. May cause nausea and diarrhea.

Inhalation: Product is not toxic by inhalation. If oil mist is inhaled, remove to fresh air and consult physician.

Contact: Upon contact with skin, wash exposed area with soap and water.

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Section 8

**Personal Protection Information**

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Respiratory Protection: Use in well ventilated area

Ventilation: Local exhaust

Protective Gloves: Not required, but recommended, especially for prolonged exposure

Eye/Face Protection: Safety glasses or goggles

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Section 9

**Spill or Leak Procedures**

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In Case of Spill: Wear suitable protective equipment, especially goggles. Stop the source of the spill. Dike the spill area. Use absorbent materials to soak up fluid (i.e. sand, sawdust and commercially available materials). Wash the spill area with large amounts of water. Properly dispose of all materials.

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Section 10

**Waste Disposal Methods**

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Incinerate this product and all associated waste in a licensed facility in accordance with Federal, State, and local regulation. This material is not a hazardous waste under RCRA Regulation 40 CFR 261.

The information in this material safety data sheet should be provided to all who use, handle, store, transport or are otherwise exposed to this product. We believe the information in this document to be reliable and up to date as of the date of publication, but makes no guarantee that it is.

Date Revised: 1/07