

# **AZTEC OILS LTD.**

## **MATERIAL SAFETY DATA SHEET**

LAST REV. DATE : 02/04/03

SHEET 1 of 3

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY NAME

|  |  |
|--|--|
| <b>PRODUCT NAME</b>                    | LITHIUM EP RANGE<br>INCLUDING 000/EP, 00/EP, 0/EP(T), EP1, EP2(T), EPC,<br>EP3, LT1/EP, LT2/EP |
| <b>PRODUCT CODE</b>                    | 0251/-----   |
| <b>NAME OF MANUFACTURER / SUPPLIER</b> | AZTEC OILS LTD.<br>31-33 INTAKE Rd<br>BOLSOVER CHESTERFIELD<br>S44 6BB                         |
| <b>TELEPHONE NUMBER</b>                | 01246 823007   |
| <b>FAX NUMBER</b>                      | 01246 823014   |
| <b>EMERGENCY TELEPHONE NUMBER</b>      | 01246 823007   |

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

| HAZARDOUS INGREDIENTS:-     | R. PHRASES  | CONCENTRATION | CLASSIFICATION |
|-----------------------------|-------------|---------------|----------------|
| Zinc Dialkyldithiophosphate | R36, R51/53 | 1.5 %         | Xi, N          |

### 3. HAZARDS IDENTIFICATION

|                              |  |
|------------------------------|--|
| <b>MAIN HAZARDS</b>          | Not classified as hazardous                          |
| <b>HEALTH EFFECTS – EYES</b> | May cause slight transient irritation                |
| <b>HEALTH EFFECTS – SKIN</b> | Repeated or prolonged contact may lead to dermatitis |

### 4. FIRST AID MEASURES

|                              |   |
|------------------------------|---|
| <b>FIRST AID - EYES</b>      | Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.                |
| <b>FIRST AID - SKIN</b>      | Wash skin with soap and water. If grease has been injected under the skin, seek Medical advice immediately. |
| <b>FIRST AID - INGESTION</b> | Do not induce vomiting. Obtain medical attention  |

### 5. FIRE FIGHTING MEASURES

|   |  |
|---|--|
| <b>EXTINGUISHING MEDIA</b>                    | Use foam, dry chemical or carbon dioxide.                |
| <b>UNSUITABLE EXTINGUISHING MEDIA</b>         | Do not use water jet.                                    |
| <b>SPECIAL HAZARDS OF PRODUCT</b>             | This product may give rise to hazardous fumes in a fire. |
| <b>PROTECTIVE EQUIPMENT FOR FIRE-FIGHTING</b> | Wear self-contained breathing apparatus.                 |

### 6. ACCIDENTAL RELEASE MEASURES

|                             |   |
|-----------------------------|---|
| <b>PERSONAL PRECAUTIONS</b> | Material can create slippery conditions underfoot.          |
| <b>SPILLAGES</b>            | Transfer into suitable containers for recovery or disposal. |

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### **7. HANDLING AND STORAGE**

|                 |  |
|-----------------|--|
| <b>HANDLING</b> | When applying by grease gun, care must be taken not to inject this                         |
| <b>STORAGE</b>  | product under the skin<br>Storage temperature should be controlled to between 1 and 40 °C. |

### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

|                                     |                                 |
|-------------------------------------|---------------------------------|
| <b>ENGINEERING CONTROL MEASURES</b> | No specific measures necessary. |
| <b>HAND PROTECTION</b>              | PVC gloves.                     |
| <b>EYE PROTECTION</b>               | No specific measures necessary. |
| <b>BODY PROTECTION</b>              | Normal work wear.               |

### **9. PHYSICAL AND CHEMICAL PROPERTIES**

|                                    |                             |
|------------------------------------|-----------------------------|
| <b>PHYSICAL STATE</b>              | Grease                      |
| <b>COLOUR</b>                      | Dark Brown                  |
| <b>ODOUR</b>                       | Odourless.                  |
| <b>MELTING POINT (°C)</b>          | Melts above 150             |
| <b>FLASH POINT (PMCC) (°C)</b>     | Exceed 150.                 |
| <b>SOLUBILITY IN WATER (KG/M3)</b> | Insoluble.                  |
| <b>DENSITY (KG/M3)</b>             | 0.96 (Measured as kg/litre) |
| <b>AUTO-FLAMMABILITY (°C)</b>      | Above 200.                  |

THESE PROPERTIES DO NOT CONSTITUTE A SPECIFICATION

### **10. STABILITY AND REACTIVITY**

|   |  |
|---|--|
| <b>STABILITY</b>                        | Stable under normal conditions.  |
| <b>CONDITIONS TO AVOID</b>              | No specific measures necessary.  |
| <b>MATERIALS TO AVOID</b>               | Strong oxidising agents.   |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS</b> | Combustion will generate: smoke, possibly thick and choking, resulting in zero visibility. |

### **11. TOXICOLOGICAL INFORMATION**

|                       |                              |
|-----------------------|------------------------------|
| <b>ACUTE TOXICITY</b> | Low order of acute toxicity. |
|-----------------------|------------------------------|

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### **12. ECOLOGICAL INFORMATION**

|                                  |   |
|----------------------------------|---|
| <b>MOBILITY</b>                  | The product is insoluble in water. If released to water the product will float. The product is poorly absorbed onto soils or sediments. |
| <b>PERSISTENCE/DEGRADABILITY</b> | The product is expected to be resistant to biodegradation.  |
| <b>BIO-ACCUMULATION</b>          | Product is not expected to bio-accumulate.  |

### **13. DISPOSAL RECOMMENDATIONS**

|                           |  |
|---------------------------|--|
| <b>PRODUCT DISPOSAL</b>   | Incineration or landfill. Dispose of in accordance with all applicable local and national regulations. |
| <b>CONTAINER DISPOSAL</b> | No specific measures necessary.  |

### **14. TRANSPORT INFORMATION**

|                        |                 |
|------------------------|-----------------|
| <b>UN CLASS</b>        | Not classified. |
| <b>ADR/RID - CLASS</b> | Not classified. |
| <b>IMDG - CLASS</b>    | Not classified. |
| <b>IATA - CLASS</b>    | Not classified. |

### **15. REGULATORY INFORMATION**

|                              |                             |
|------------------------------|-----------------------------|
| <b>LABELLING INFORMATION</b> | No Statutory label required |
| <b>R PHRASES</b>             | NONE.                       |
| <b>S PHRASES</b>             | NONE.                       |

### **16. OTHER INFORMATION**

|                       |   |
|-----------------------|---|
| <b>PRODUCT USE</b>    | For industrial use only. Lubricant.   |
| <b>EC LEGISLATION</b> | EC Directive 91/155/EEC defining the laying down and detailed arrangements for the system of specific information relating to Dangerous Preparations Directive – 2001/58/EC.<br>EC Directive 1999/45/EEC relating to the classification, packaging and labelling of dangerous preparations. |

To the best of our knowledge, the information contained herein is accurate. Although certain hazards may be described we cannot predict that these are the only hazards, or combination of hazards, that may exist in a workplace. This MSDS, therefore, forms a component only of a risk assessment carried out by, or on behalf of, the user.