

**SECTION 1: Product and company identification**

**Product name:** INGENIUS LITHIUM EP2 GREASE

**Product Code:** VG1004

**Product use:** Grease, Industrial and Automotive Lubricant

**Manufacturer/Supplier:** TYGRIS Industrial  
Unit 31, Kyle Road Industrial Estate  
Irvine  
Ayrshire  
KA12 8LE  
Tel +44 (0) 1294 311 066  
Fax +44 (0) 1294 277 115  
Email technical@tygrisindustrial.com

**Further information obtainable from:** Technical Department

**1.4 Emergency telephone number:** Tel +44 (0) 1294 311 066

**SECTION 2: Hazard Identification**

This material is not considered to be hazardous according to regulatory guidelines.

Adverse human health effects: Under normal conditions of use, the mineral oils and ingredients used in this product present no risk of acute intoxication.

The product contains no eye or skin irritants and is not considered to be allergenic.

**SECTION 3: Composition / Information on ingredients**

| Ingredient              | CAS NO                 | WEIGHT% |
|-------------------------|------------------------|---------|
| Base Oil-Highly refined | varies                 | 80-90   |
| Additive package        | Mixture (Trade secret) | 10-20   |

**SECTION 4: First – Aid Measures**

**Inhalation:** Remove the person to fresh air. Get medical attention.

**Skin Contact:** Wash the affected area repeatedly with soap and water.

**Eye Contact:** Keep eyes open and rinse immediately and repeatedly with water for At least 15 minutes and consult a specialist.

**Ingestion:** Do not induce vomiting

#### SECTION 5: Fire- Fighting Measures

Fire extinguishers suitable: Foam, CO2 & powder

Not suitable: Water under strong pencil like jet forbidden

Fire fighter protection: An insulated breathing apparatus must be worn to fight fires

#### SECTION 6: Accidental Release Measures

Spill Management

**Land Spill:** Contain any spill with absorbents to prevent migration and entry into sewers. Take up small spills with dry chemical absorbent. Large spills may be taken up with pump or vacuum.

**Water spills:** Confine the spills immediately. Stop leaks. Report spills to appropriate authority.

**Environmental precautions:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform relevant authorities if the product has caused environmental pollution. rains

Large spills should be disposed of via a licensed waste disposal contractor.

#### SECTION 7: Handling and Storage

Handling: Avoid contact with skin. Prevent spills and leaks

Storage: Keep containers clearly labelled and closed when not in use

#### SECTION 8: Exposure Controls / Personal Protection

**Hand protection:** Impermeable hydrocarbon –proof gloves

**Eye Protection:** Goggles, in case of splashing

**Skin and body protection:** As required, wear a face mask, hydrocarbon–proof clothing, and safety boots (when handling drums)

**Industrial hygiene:** Avoid prolonged and repeated contact with the skin.

If the product comes into contact with the skin, wash the affected area immediately and repeatedly with soap and water.

Use no abrasives, solvents or petroleum spirit.

If the product comes into contact with the eyes, keep eyes open and rinse immediately and repeatedly with water for at least 15 minutes, and consult a specialist.

### SECTION 9: Physical and Chemical Properties

|                                 |                                 |
|---------------------------------|---------------------------------|
| Appearance:                     | Smooth & Homogeneous            |
| Colour:                         | Yellowish Characteristic        |
| Order:                          | Not applicable                  |
| PH:                             | > 180° C                        |
| Drop Point:                     | NA                              |
| Flash Point:                    | >250 C                          |
| Auto-ignition temperature       | Not applicable                  |
| Explosion limits:               | Insoluble and immiscible        |
| Solubility in water:            | Soluble in many common solvents |
| Solubility in organic solvents: | 220-350                         |
| Penetration: (60 strokes@25 C)  |                                 |

### SECTION 10: Stability and Reactivity

**Stability:** The product is stable under normal temperature & pressure Conditions to avoid: Excessive Heat, source of ignition

**Materials to avoid:** Strong oxidizing agents, heat, open fire

Dangerous decomposition products: Incomplete combustion and thermal decomposition may produce products more or less toxic gases such as CO, CO<sub>2</sub>, various hydrocarbons, aldehydes & soot.

### SECTION 11: Toxicological Information

|                        |   |
|------------------------|---|
| Product:               | No data is specifically available.                |
| Inhalation:            | Risk is improbable under normal conditions of use |
| Contact with the skin: | Not irritating                                    |
| Ingestion:             | Not irritating                                    |

### SECTION 12: Ecological Information

|                                |  |
|--------------------------------|--|
| Ground:                        | Given is physical and chemical characteristics, the product generally shows little mobility in the ground. |
| Water:                         | The product is insoluble; it floats on water   |
| Persistence and degradability: | Experimental data on the finished product are not available  |
| Ecotoxicity:                   | Material not expected to be harmful to aquatic organisms.  |

#### **SECTION 13: Disposal Information**

**Waste Disposal:** The only method authorized in India is collection by an authorized waste contractor and regeneration or incineration in an approved installation.

**Disposal methods:** Transmit to an authorized waste contractor for disposal..

#### **SECTION 14: Transport Information**

Not classified as hazardous for transport.

#### **SECTION 15: Regulatory Information**

OSHA Hazard communication standard: When used for its intended purposes, this material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200

#### **SECTION 16: Other Information**

"This Safety Data Sheet serves to complete but not to replace the technical product sheets. The information contained herein is given in good faith and is accurate to the best of our knowledge at the data indicated here above. It is understood by the user that any use of the product for purposes other than those for which it was designed entails potential risk.