



## MATERIAL SAFETY DATA SHEET

### Tru Grit EP C0 Grease

#### 1. PRODUCT NAME IDENTIFICATION

**SUPPLIERS NAME:** Onshore Oils Pty Ltd  
**ADDRESS:** 38A Aquarium Ave  
Hemmant Qld 4174

**Date** 12/01/2012 **Ver** 2

**TRADE NAME:** EP C-0  
**CAS NUMBER:** Not applicable for mixtures.  
**SYNONYMS:** None

#### 2. COMPOSITIONS/INGREDIENTS

COMPONENT	CAS NO.	WEIGHT PERCENT RANGE	HARZADOUS IN BLEND
MINERAL BASE OIL	MIXTURE	71-88	NO
LITHIUM SOAP	TRADE SECRET	12-27	NO
TACKIFIER	MIXTURE	0.1-2 3.	NO NO

This product is not formulated to contain ingredients, which have exposure limits established by U.S. agencies. It is not hazardous to health as defined by the European Union Dangerous Substances/Preparations Directives.

#### 3. HEALTH INFORMATION AND PROTECTION

**EYE CONTACT:** This product is minimally irritating to the eyes upon direct contact. Based on testing of similar products and/or components.

**SKIN CONTACT:** Avoid skin contact. This product is minimally irritating to the skin upon direct contact. Prolonged or repeated contact may result in contact dermatitis, which is characterized by dryness, chapping, and reddening. This condition may make the skin more susceptible to other irritants, sensitizers, and disease. Prolonged or repeated contact may result in oil acne, which is characterized by blackheads with possible secondary infection.

**INHALATION:** This product has a low vapor pressure and is not expected to present an inhalation hazard at ambient conditions. Caution should be taken to prevent aerosolization or misting of this product. The Permissible Exposure Limit (PEL) and Threshold Limit Value (TLV) for this product as oil mist is 5 mg/m<sup>3</sup>. Exposures below 5 mg/m<sup>3</sup> appear to be without significant health risk. The short-term exposure limit for this product as an oil mist is 10 mg/m<sup>3</sup>. See health data section below.

**INGESTION:** Do not ingest. This product is relatively non-toxic by ingestion. This product has Laxative properties and may result in abdominal cramps and diarrhea. See health data section below.  
The International Agency for Research on Cancer (IARC) has concluded that the data are inadequate to evaluate the carcinogenicity of formulated products to experimental animals (1984). This product is not carcinogenic according to the OSHA hazard communication standard.

**OTHER:** No information available

## 4. EMERGENCY & FIRST AID PROCEDURES

**EYE CONTACT:** Rinse immediately with water for at least 15 minutes or until irritation subsides. In case of eye irritation or material is hot, treat burns and get medical attention.

**SKIN CONTACT:** Remove contaminated clothing. Wash contaminated area with plenty of soap and water. Do not use organic solvents. If redness or irritation occurs, seek medical attention. If material is hot, submerge injured area in cold water. If victim is severely burned, remove to a hospital immediately.

**INHALATION:** This material has a low vapor pressure and is not expected to present an inhalation exposure at ambient conditions. If vapor or mist is generated when the material is heated or handled, removed victim from exposure.

**INGESTION:** Do not induce vomiting. Seek medical attention.

**OTHER:** No information available

## 5. PERSONAL HEALTH PROTECTION INFORMATION

**EYE PROTECTION:** Eye protection is not required under conditions of normal use. If material is handled such that it could be splashed in to eyes, wear plastic face shield or splash-proof safety goggles.

**SKIN PROTECTION:** No skin protection is not required for single, short duration exposures. For prolonged or repeated exposures, use impervious clothing (boots, gloves, aprons, etc.) over parts of the body subject to exposure. If handling hot material, use insulated protective clothing (boots, gloves, aprons, etc.). Launder soiled clothes. Properly dispose of contaminated leather articles including shoes, which cannot be decontaminated.

### RESPIRATION PROTECTION:

Respiration protection is not required under conditions of normal use. If vapor or mist is generated when the material is heated or handled, use an organic vapor respirator with a dust and mist filter. All respirators must be NIOSH certified. Do not use compressed oxygen in hydrocarbon atmospheres.

**VENTILATION:** If vapor or mist is generated when the material is heated or handled, adequate ventilation in accordance with good engineering practice must be provided to maintain concentrations below the specified exposure or flammable limits.

## 6. FIRE PROTECTION INFORMATION

<b>FLASH POINT (ASTM D-92):</b>	Base Oil > 205 °C
<b>AUTO IGNITION TEMPERATURE (ASTM D-659):</b>	No data
<b>FLAMMABLE LIMITS IN AIR % BY VOLUME LOWER:</b>	No data
<b>UPPER:</b>	No data
<b>EXTINGUISHING MEDIA:</b>	Water mist; carbon dioxide; alcohol resistant foam; dry powder.

### SPECIAL FIRE FIGHTING PROCEDURES:

Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.

### UNUSUAL FIRE AND EXPLOSIVE CONDITION:

Dense smoke may be generated while burning, carbon monoxide, carbon dioxide and other oxide may be generated as products of combustion.

### PROTECTIVE EQUIPMENT FOR FIRE MEN:

Use full protective clothing for chemicals and a self-contained breathing apparatus.

**OTHER:** No information available

## 7. ENVIRONMENTAL PRECAUTIONS

### STEP TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Consult health effect information in section 3, Personal health protection information in section 5, and fire protection information in section 6. Notify appropriate authorities of spill. Contain spill immediately. Do not allow spill to enter sewers or watercourses. Remove all sources of ignition. Absorb with appropriate inert material such as sand, clay, and etc. large spills may be picked up using vacuum pumps, shovels, buckets, or other means and placed in drums or other suitable containers.

### WASTE DISPOSAL METHOD:

All disposals must comply with federal, states, and local regulations. The material, if spilled or discarded, may be a regulated waste. Refer to states and local regulations. CAUTION! If regulated solvents are used to clean up spilled material, the resulting waste mixture may be regulated. Department of Transportation (DOT) regulations may apply for transporting this material when spilled. Waste material may be landfilled or incinerated at an approved facility. Materials should be recycled if possible.

**OTHER:** No information available

## 8. MISCELLANEOUS

### HANDLING AND STORAGE REQUIREMENTS:

Do not transfer to unmarked containers. Store in closed containers away from heat, sparks, open flame, or oxidizing materials. This product is not classified as hazardous under DOT regulations. Fire extinguishers should be kept readily available. See NFPA 30 and OSHA 1910106-Flammable and combustible liquids.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Typical physical properties are given below. Consult Product Data Sheet for specific details.

<b>COLOUR:</b>	Dark Blue/Black
<b>ODOUR:</b>	Mild
<b>pH:</b>	NA
<b>DROPPING POINT °C (°F):</b>	170
<b>FLAMMABILITY:</b>	NE
<b>AUTO FLAMMABILITY:</b>	NE
<b>EXPLOSIVE PROPERTIES:</b>	NA
<b>OXIDIZING PROPERTIES:</b>	NA
<b>VAPOR PRESSURE, mm Hg 20°C:</b>	NE
<b>VAPOUR DENSITY:</b>	NA
<b>EVAPORATION RATE:</b>	NE

NA = Not Applicable, NE = Not Established

For future technical information, Contact your marketing representative.

## 10. STABILITY AND REACTIVITY

### THERMAL DECOMPOSITION:

> 350°C

### CONDITIONS TO AVOID:

Static discharges.

### MATERIALS TO AVOID:

Strong acids, strong bases and strong oxidizing agents.

### HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal decomposition or burning may release oxides of carbon and other toxic gases or vapors.

**OTHER:**

No information available

## 11. TOXICOLOGICAL INFORMATION

<b>PRIMARY EYE IRRITATION:</b>	No information available
<b>PRIMARY SKIN IRRITATION:</b>	No information available
<b>ACUTE DERMAL TOXICITY:</b>	No information available
<b>SUBACUTE DERMAL TOXICITY:</b>	No information available
<b>DERMAL SENSITIZATION:</b>	No information available
<b>INHALATION TOXICITY:</b>	No information available
<b>INHALATION SENSITIZATION:</b>	No information available
<b>ORAL TOXICITY:</b>	No information available
<b>MUTAGENICITY:</b>	No information available
<b>CARINOGENICITY:</b>	The International Agency for Research of Center (IARC) has concluded that there is inadequate data to evaluate the carcinogenicity to experimental animals of formulated products.

### REPRODUCTIVE AND DEVELOPMENTAL TOXICITY:

No information available

<b>TARATOGENICITY:</b>	No information available
<b>IMMUNO TOXICITY:</b>	No information available
<b>NEURO TOXICITY:</b>	No information available
<b>OTHER:</b>	No information available

## 12. ECOLOGICAL INFORMATION

<b>AQUATIC TOXICITY:</b>	No information available
<b>TERRESTRIAL TOXICITY:</b>	No information available
<b>CHEMICAL FAME AND TRANSPORT:</b>	No information available
<b>OTHER:</b>	No information available

## 13. DISPOSAL INFORMATION

**REGULATORY INFORMATION:** Dispose of residual products and empty containers responsibility. Caution! If regulated solvents used to clean up spilled material, the resulting waste mixture may be regulated. Department of Transportation ( DOT ) regulations may apply for transporting this material when a spill. Refer to state and local regulations.

**WASTE DISPOSAL METHOD:** Waste material may be landfilled or incinerated at an approved facility. Materials should be recycled if possible.

## 14. TRANSPORTATION INFORMATION

### U.S. DEPARTMENT OF TRANSPORTATION (DOT)

<b>Shipping Name:</b>	Not Regulated
<b>Hazard Class:</b>	None
<b>UN/NA #:</b>	None
<b>Packing Group:</b>	None
<b>Required Label (s):</b>	None
<b>Addition Info. :</b>	None
<b>INTERNATIONAL TRANSPORTATION REGULATIONS :</b>	Not regulated as dangerous goods.

## 15. REGULATORY INFORMATION

### US FEDERAL REGULATION

**TSCA Inventory :**

**SARA :**

All components of this material are on the US TSCA Inventory  
None of this products components are listed under Section 302  
or Section 313

## 16. OTHER INFORMATION

### HEALTH AND ENVIRONMENTAL LABEL LANGUAGE

<b>CAUTION:</b>	Contains Petroleum oil (Grease). Repeated skin contact may cause skin disorders.
<b>ATTENTION:</b>	Repeated exposure to oil mist in excess of OSHA limit (5 mg/m <sup>3</sup> ) can result in accumulation of oil droplets in pulmonary tissue.
<b>PRECAUTIONARY MEASURES :</b>	Avoid excessive & prolonged skin contact. Wash thoroughly after handling Avoid generation and inhalation of oil mists.

### INSTRUCTION IN CASE OF FIRE OR SPILL :

In case of fire, use water spray, foam, dry chemical or carbon dioxide. Water spray may be ineffective, but can be to cool containers. In case of spill, do not use water, soak up with absorbent material.

***DISCLAIMER OF WARRANTY:** The information contained herein is based upon data and information available to us, and reflects our best professional judgment. This product may be formulated in part with components purchased from other companies. In many instances, especially when proprietary or trade secret materials are used, GT Lube Pty Ltd must rely upon the hazard evaluation of such components submitted by that product's manufacturer or importer. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The results to be obtained from the use thereof or that any such use do not infringe any patent. Since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use.*