

## MATERIAL SAFETY DATA SHEET

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### SECTION 1 - IDENTIFICATION AND COMPANY DETAILS

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**Product name:** Multipurpose Lithium Grease  
**Product Code(s):** TC MP

**Manufacturers name:** TriboCor Technologies Private Limited  
**Address:** 57/3, Opp NKCA Pharmacy, Srirampura,  
Mysore 570023, India  
[www.tribocor.co.in](http://www.tribocor.co.in) & E mail: tribocor@gmail.com

**Telephone number:** +918212361110, Mobile: +919342589006, +919844092722  
(Same number to be used in emergencies)

**Date Prepared:** 05.08.2013

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### SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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**Hazardous Components (specific chemical identity/ Common name):** None

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### SECTION 3 - HAZARD INFORMATION

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**Inhalation:** Non hazardous  
**Ingestion:** Slightly hazardous.  
**Skin contact:** Irritation may occur. No data on sensitization. May have drying effect,  
**Eye contact:** Irritating to eyes.

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### SECTION 4 - FIRST AID MEASURES

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**Skin contact:** Remove contaminated clothing and shoes. Immediately flush skin with copious amounts of cold water for at least 10 minutes, then wash with soap and water.

**Eye contact:** Check for and remove any contact lenses. Immediately flush eyes with copious amounts of water for at least 15 minutes.

**Ingestion:** Wash out mouth with cold water provided person is conscious. Seek medical advice. Do not induce vomiting unless directed by a physician. 20% Ethanol if ingested in large quantities may cause alcoholic poisoning.

**Inhalation:** Remove to fresh air. Seek medical advice if symptoms occur.

**Always seek medical attention if irritation continues.**

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### SECTION 5. FIRE-FIGHTING MEASURES

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**Suitable extinguishing media:** Water spray, dry chemical powder or appropriate foam.  
**Special fire fighting procedures:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.  
**Unusual fire and explosions hazards:** May emit toxic fumes under fire conditions.

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### SECTION 6 - ACCIDENTAL RELEASE MEASURES

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**Take care floor surface will be slippery at site of spillage.**

Wear chemical safety goggles, splash suit, rubber boots and gloves.  
Adsorb onto adsorbent paper. In case of large volumes, use sand or other inert material. Prevent spillage from entering drains. Do not touch spilled material. Place in a bag/other appropriate non-hazardous container and hold away from ignition sources/heat for waste disposal. Ventilate area and wash spill site with water after material pickup is complete.

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### SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

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**Steps to be taken in the event of spillage or chemical release:** Wear suitable protective clothing.

**Waste disposal method:** Dispose of in accordance with national and local regulations for inert non-hazardous waste material.

**Precautions to be taken in Handling and Storage:** Store in a cool, dry place (2-30°C) in original sealed containers away from heat sources and sunlight. Avoid contact with strong oxidants and strong acids.

**Other Precautions:** Do not throw the empty can into the fire, it will explode.

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### SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

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**Occupation Exposure Limits:**

**Personal Protective Equipment:**

**Respiratory System:** Wear appropriate respirator when ventilation is inadequate  
**Skin and Body:** Laboratory Coat  
**Hands:** Impervious Gloves  
**Eyes:** Safety glasses or goggles  
**Other/Special:** None required

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### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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<b>Physical State:</b>	Grease
<b>Colour:</b>	Brown
<b>Odour:</b>	Typical
<b>Odour Threshold:</b>	No data available
<b>pH:</b>	Not applicable
<b>Boiling Point:</b>	NA
<b>Density @ 27° C</b>	~ 0.92 g/cc
<b>Drop Point:</b>	180 deg C
<b>Fire Hazards in presence of various substances:</b>	Flammable in presence of open flames, sparks and heat
<b>Auto-ignition temperature:</b>	None
<b>Explosive Properties:</b>	Explosive due to presence of solvents
<b>Lower explosion limit:</b>	NA
<b>Penetration:</b>	~ 285, 0.1 mm

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### SECTION 10 - REACTIVITY DATA

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<b>Stability:</b>	Stable at normal temperatures and storage conditions.
<b>Conditions to avoid:</b>	Contact with strong oxidants. Heat and flames.
<b>Incompatibility:</b> (materials to avoid)	Contact with strong oxidants and acids
<b>Hazardous decomposition or by-products:</b>	Thermal decomposition may yield oxides of carbon
<b>Hazardous polymerization:</b>	Will not occur

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### SECTION 11 - TOXICOLOGICAL INFORMATION

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The toxicological information for the components is: Non-toxic

**Acute effects** : None & **Eye irritation**.: Causes skin irritation.

Material is irritating to mucous membranes.

May be harmful by ingestion or if contacted with skin.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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### SECTION 12 - ECOLOGICAL INFORMATION

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Non toxic in nature .

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### SECTION 13 - DISPOSAL CONSIDERATIONS

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This material is not regarded as hazardous waste.  
Burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

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### SECTION 14 - TRANSPORT INFORMATION

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Non-hazardous for road & sea

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### SECTION 15 - REGULATORY INFORMATION

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#### IRRITANT

**Safety Phrases:** S16 Keep away from sources of ignition  
S24/25 Avoid contact with skin and eyes  
In case of contact with eyes, rinse immediately with plenty of water  
S26 and seek medical advice.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection  
Flammable material

#### Risk Phrases:

R36/37/38 Irritating to eyes, respiratory system and skin

#### Regulations:

The Chemicals (Hazard Information and Packaging for Supply) regulations 2002.

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### SECTION 16 - OTHER INFORMATION

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Issue Number: 1  
Issue Date: 05.08.2013  
Effective Date: 05.08.2013  
Changes to Issue: Updated

#### Notice to Reader:

To the best of our knowledge the information contained herein is accurate.

TriboCor will not take assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein we cannot guarantee that these are the only hazards that exist.

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