



MATERIAL SAFETY DATA SHEET

Section 1: MATERIAL & SUPPLIER IDENTIFICATION

Product: LITHPLEX TAC EP 2
Description: INDUSTRIAL GREASE
Code: LPT
Use: Multi-purpose product. Grease. For specific application advice see appropriate Product Data Sheet or consult our company Representative
Supplier: **ULTRA LUBRICANTS**
23 TEMPEST STREET, GUNNEDAH NSW AUSTRALIA 2380
+61 2 6742 5333 www.ultralubricants.com.au
Emergency Response Contact: 1800 023 005

Section 2: HAZARDS IDENTIFICATION

Non-Hazardous Substance. Non-Dangerous Goods.

Section 3: INFORMATION ON INGREDIENTS

<u>CHEMICAL ENTITY</u>	<u>PROPORTION</u>
HIGHLY REFINED MINERAL OILS	10 – 30 %
HEAVY, SOLVENT REFINED PARAFFINIC MINERAL OIL	30 – 60%
SULFURISED OIL	< 10%
LITHIUM COMPLEX SOAP WITH 12 HYDROXY STEARIC	10 – 30%
OTHER PROPRIETARY ADDITIVES	< 10%

Section 4: FIRST AID MEASURES

Skin Contact: Wash affected areas with soap and water. If irritation occurs, seek medical attention.
Eye Contact: Flush thoroughly with water for at least 15 minutes. If irritation occurs, seek medical attention immediately.
Ingestion: Do not induce vomiting. Aspiration of this fluid can cause serious lung injury pneumonitis. If necessary seek medical advice.
Inhalation: Remove from further exposure to fresh air. Obtain medical attention if symptoms appear.

Section 5: FIRE FIGHTING

EXTINGUISHING MEDIA

Appropriate for Use: Carbon Dioxide (CO₂), Water Fog, Foam, Dry Chemical

Inappropriate for Use: Water Jet or Straight streams of water

Firefighting: Evacuate Area. Fire-Fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

Section 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. If possible contain the spill. Prevent entry into sewers, waterways, basements or confined areas. Place inert absorbent material on spillage e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

Section 7: HANDLING AND STORAGE

Handling: Avoid contact with used product. Use in well ventilated areas.
Do not smoke and ensure appropriate clothing is worn.

Storage: Store in steel or HDPE plastic drums. Store away from strong oxidizing agents.
Products should not be stored over 60°C.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

No exposure standards have been established for this product, however, as with all chemicals, exposure should be kept to a minimum.

Biological Limit Values: No Biological limit allocated.

Engineering Controls: Ensure sufficient ventilation to keep airborne levels below the exposure limit.

Respiratory protection: If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate.

Hand protection: Wear protective gloves if prolonged or repeated contact is likely. Glove suitability and breakthrough time will differ depending on the specific use conditions.

Eye Protection: Safety glasses with side shields.

Skin and body: Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Smooth, Blue/green Grease
Boiling Point :	Melting Point > 260C
Specific Gravity :	Approximately 0.90
Flash Point :	None
Solubility in water (g/L) :	<0.1g/l

Section 10: STABILITY AND REACTIVITY

Stability:	Product is Stable.
Conditions to Avoid:	Excessive heat, Fire, Direct Sunlight or other sources of ignition
Incompatible Materials:	Strong oxidising agents
Hazardous Decomposition Products:	Product does not decompose at ambient temperatures.
Hazardous Reactions:	Will not occur

Section 11: TOXICOLOGICAL INFORMATION

Toxicology Information: No toxicology data available for this product.

Inhalation:	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
Ingestion:	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Skin:	May cause redness, itching and irritation.
Eye:	May cause eye irritation, tearing, stinging, blurred vision, and redness.
Chronic Effects:	Repeated or prolonged skin contact may lead to dermatitic effects.

Section 12: ECOLOGICAL INFORMATION

Acute Toxicity:	Not Applicable.
Mobility:	Not Applicable.

Section 13: DISPOSAL CONSIDERATIONS

Disposal Considerations: Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.
Dispose of waste according to federal, EPA and state regulations.

Section 14: TRANSPORT INFORMATION

Transport Information: Not classified as dangerous goods according to Australian regulations.

Section 15: REGULATORY INFORMATION

Regulatory Information: Not Scheduled

Section 16: OTHER INFORMATION

HISTORY

Date of Issue:	1.10.2014
Date of previous issue:	March 2010
Prepared by:	Technical and Quality Manager

Please note that whilst all steps have been taken to ensure information is accurate as of date specified above, No warranty or representation is made as to the accuracy of the information and data on this sheet.