Industrial Pty Ltd
Solutions for Industry.

Date of Issue: September 2019
ACN: 115 924 475 ABN: 72 115 924 475

SAFETY DATA SHEET

Product: **LITHPLEX PURPLE GREASE** Product Code: **TGLPP**

Section 1 – Identification of Material and Supplier

1. Product Name: Lithplex Purple Grease

Supplier Name:	**TREBLEX INDUSTRIAL PTY LTD**
Address:	Unit 1 / 26 Ilda Road, CANNING VALE Western Australia, 6155
Telephone:	08 9456 5825
Fax:	08 9456 5875
Email:	sales@treblex.com.au
Website:	www.treblex.com.au
Emergency Telephone:	0409 084 044

Product use: Lithium complex grease for Industrial and Automotive applications.

Section 2 – Hazards Identification

2.1 Classification of the substance or mixture

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF SAFE WORK AUSTRALIA.
NOT A DANGEROUS GOOD ACCORDING TO THE AUSTRALIAN DANGEROUS GOODS (ADG) CODE.

GHS Classification:

GHS Signal Word: **None allocated**

Pictograms:

None allocated

Response:
Storage:
Disposal:

Section 3 – Composition/Information on Ingredients

Chemical Name:	CAS Number	Proportion %
Residual Oils(Petroleum), Solvent Dewaxed	64742-62-7	30%- <60%
Distillates(Petroleum), Solvent Dewaxed Heavy Paraffinic	64742-65-0	30%- <60%
Distillates(Petroleum), Solvent Dewaxed Light Naphthenic	64742-64-9	< 10%
12-Hydroxy Stearic Acid	106-14-9	< 10%
Lithium Hydroxide Monohydrate	1310-66-3	< 10%
Mixture of Octylated Diphenylamines	68921-45-9	< 10%
2-(2-Heptadec-8-enyl-2-imidazolin-1-yl) Ethanol	95-38-5	< 10%
Zinc Dialkyl Dithiophosphate	68649-42-3	< 10%
Mixture of Sulphur and Phosporus Compounds	-	< 10%
Butene, Homopolymer	9003-29-6	< 10%
Borated Ester Complexing Agent	-	< 10%
Mixture of Alkyl Mercaptothiadiozoles		< 10%
Automate Blue 8(Anthraquinone Dye)	74499-36-8	< 10%
Automate Red B(Diazo Dye)	-	< 10%

Section 4 – First Aid Measures

Eye: Wash with copious amounts of water for 15 minutes and seek medical advice if irritation develops or persists.
Inhalation: Remove person to fresh air and seek medical advice. If not breathing, apply artificial respiration and seek urgent medical aid.
Skin: Remove contaminated clothing and wash skin thoroughly with plenty of soap and water. High pressure injection through the skin requires urgent medical attention for possible incision, irrigation and/or debridement. Contact with molten material will require treatment by a physician for burns (Do not remove material).
Ingestion: If a large quantity is ingested seek medical attention. Do not induce vomiting. Aspiration of this fluid can cause serious lung injury pneumonitis. If necessary seek medical advice.
Advice to Doctors: Treat symptomatically.

Section 5 – Fire Fighting Measures

Flammability: Not flammable under conditions of use. Is a combustible solid that will burn if preheated.
Extinguishing Media: Use foam, carbon dioxide or dry chemical.
Fire and Explosion Hazards: This product is combustible if preheated. Combustion produces oxides of carbon, copper and nitrogen. May react with strong oxidising agents.
Advise for Firefighters: Keep storage tanks, pipelines, containers, fire exposed surfaces, etc. cool with water spray. Water may cause splattering. Self-contained breathing apparatus is recommended during a fire.
Hazchem Code: Not applicable.

Section 6 – Accidental Release Measures

Personal precautions, Protective Equipment and Emergency Procedures:
RESPIRATOR TYPE (AS1716): During routine operation a respirator is not required. However, if mists, dusts, fumes or vapours are generated, an approved organic vapour/particulate respirator is required.
GLOVE TYPE: PVC, Neoprene or Nitrile gloves are recommended.
EYE PROTECTION: Safety glasses or goggles are recommended to avoid eye contact. If the material is used at elevated temperatures or under pressure a full face shield should be worn.
CLOTHING: During normal operating procedures, long sleeved clothing is recommended to provide skin protection. Soiled clothing should be washed with detergent prior to re-use.
Environmental Precautions: Follow state or local regulations for the disposal of the waste. Clean area with soap and water. Do not allow product to enter drains, sewers or water courses – inform local authorities if this occurs.
Methods of cleaning up: Spills are easily contained due to the nature of the product. Caution: The product may be slippery. The product should be shovelled into a metal drum and treated as a solid waste.

Section 7 – Handling and Storage

Handling: Classified as a combustible solid.
Storage: Store in a well ventilated area away from ignition sources, oxidising agents, foodstuffs and clothing. Keep containers closed when not in use. Do not store in plastic containers unless approved for this application.

Section 8 – Exposure Controls and Personal Protection

Exposure Standards: If the material is subjected to high temperature operations and mists, fumes or vapours are generated the Manufacturer recommends:
Time Weighted Average (TWA): 5 mg/m^3 (oil mist).
Short Term Exposure Limit (STEL): 10 mg/m^3 (oil mist).
Biological Limits: No information available.
Engineering Controls: No information available.
PPE:
Eye: Safety glasses or goggles are recommended to avoid eye contact. If the material is used at elevated temperatures or under pressure a full face shield should be worn.
Skin: PVC, Neoprene or Nitrile gloves are recommended.
Ventilation: No special ventilation requirements are normally necessary for this product. However, in the operation of certain equipment or at elevated temperatures mists, dusts, fume or vapour may be generated and localised exhaust ventilation should be provided to maintain airborne concentration levels below the manufacturer recommended exposure standard.
Respiratory: During routine operation a respirator is not required.


Section 9 – Physical and Chemical Properties

Appearance:	Smooth tacky purple grease	**Vapour Density:**	Typically 0.9 @ 15°C(g/ml)
Odour:	Characteristic	**Specific Gravity:**	N/A
Flammability:	Non flammable	**Solubility (water):**	Insoluble
Flash Point:	>200°C(ASTM D-93)	**Vapour Pressure:**	N/A
Boiling Point:	>316°C	**Upper Explosion Limit:**	N/A
Drop Point:	>275°C	**Lower Explosion Limit:**	N/A
Evaporation Rate:	N/A	**Viscosity:**	220
pH:	N/A	**Volatiles:**	N/A
Auto Ignition	In excess of 450°C		

Section 10 – Stability and Reactivity

Reactivity: May react with strong oxidising agents.
Conditions to Avoid: Keep containers tightly closed. Containers should be kept dry.
Incompatible materials: None listed.
Decomposition: N/A
Stability: N/A

Section 11 – Toxicological Information

Effects:
Eyes: May cause slight irritation to the eyes
Inhalation: No data to indicate a toxic inhalation hazard. Inhalation of vapours or mist (generated at elevated temperatures) may cause irritation to the nose and throat.
Skin: May be mildly irritating to the skin. High pressure injection through the skin, when using apparatus such as grease guns, can be highly irritating and may cause localised damage.
Ingestion: This is not expected to be a means of entry during routine operation. Ingestion of small quantities should not cause irritation. If swallowed and person is conscious give water or milk. Ingestion or subsequent vomiting may result in its aspiration, which could cause pneumonitis.
Toxicity Data: Prolonged or repeated contact may result in irritant contact dermatitis. Intentional misuse by deliberate inhalation will result in irreparable lung damage and risk overall health to cancer.

Section 12 – Ecological information

Toxicity: This product contains copper. Although this element is naturally present in the environment, high environmental concentrations of copper may have an effect on aquatic organisms. The manufacturer nominates an EC50 = 0.2 mg/dm^3.

Section 13 – Disposal Considerations

Waste Disposal: The product should be shoveled into a metal drum and treated as a solid waste.
Legislation: Dispose of in accordance with relevant local legislation.

Section 14 – Transport Information

ADG CODE: Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

	LAND TRANSPORT	SEA TRANSPORT	AIR TRANSPORT
UN NUMBER	N/A	N/A	N/A
PROPER SHIPPING NAME	N/A	N/A	N/A
HAZARD CLASS	N/A	N/A	N/A
PACKING GROUP	N/A	N/A	N/A

Hazchem code: None allocated.

Section 15 – Regulatory Information

Poison Schedule: Not classified using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

Section 16 – Other Information

Additional Information: All chemicals listed on the Australian Inventory of Chemical Substances (AICS).
Abbreviations:

This SDS summarises our best knowledge of the health and safety hazard statement: Information of the product and how to safely handle and use the product in the work place. Each user must review this SDS in the context of how the product will be handled and used in the workplace.
We believe that the information contained herein is reliable, but we shall not be liable for any inaccuracy in the information or for any loss, injury or damage whatsoever or however arising which may result from its use.
If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company so we can attempt to obtain additional information from our suppliers.
Please read all labels carefully before using product.

SDS Date: September 2019
[END OF SDS]