



SAFETY DATA SHEET

PART No. GN27

1: IDENTIFICATION OF THE PRODUCT

PRODUCT NAME: LITHIUM GREASE EP2 (CARTRIDGE) 300g

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2: COMPOSITION/INFORMATION OF INGREDIENTS

Lithium based. Solvent refined paraffinic base oils blended with selected additives.

3: HAZARDS IDENTIFICATION

On the basis of our knowledge of the highly refined mineral oils and the recommendations of the manufactures of additives used, these greases are unlikely to be hazardous to man in normal use.

These greases each have a total polycyclic hydrocarbon (PCA) content well below the level at which carcinogenic effects have been observed in biological testing. In the environment these greases are likely to be slowly.

4: FIRST AID MESURES

EYES: May cause minor irritation with short-term redness and stinging.
Wash out thoroughly with water if redness and / or irritation continue get medical advice.

SKIN: Unlikely to cause irritation but pro-longed or frequent contact may cause irritation, which could result in dermatitis.
Wash skins as soon as possible with soap & water, change contaminated clothing & launder before use.

5: FIRE FIGHTING MEASURES

Extinguish with dry powder, foam, sand or earth. For small fires use CO2.
 Do not tackle fires with water, water may be used to cool the surrounding area.
 Fires in closed or confined spaces should be tackled by trained personnel who should wear breathing apparatus.

6: ACCIDENTAL RELEASE MEASURES

May cause slippery surfaces.
 Contain spillage – do not wash spillage down drain. Absorbent clay, sand or other suitable absorbent. Report any escape to public drainage or water courses to local authority and the fire brigade.

7: HANDLING & STORAGE

HANDLING skin contact should be kept to a minimum & good hygiene standards maintained. If prolonged or repeated contact is likely PROTECTIVE CLOTHING as detailed in section 8 should be worn when handling these products.

STORAGE Drums should be stored on their sides on racks preferably under cover out of direct sunlight in well-ventilated conditions.
 Other types of containers should be stored in the same way. Care should be taken to avoid over-stacking.

8: EXPOSURE CONTROL / PERSONAL PROTECTION

As with all mineral oil based products keep skin contact to a minimum & ensure good hygiene standards. Avoid contact with used engine oil. (See section 16).

RESPIRATORY PROTECTION - unlikely to be required in normal use. Note occupational exposure limits for oil mist (HSE Guidance note EH40/94).

LONG TERM EXPOSURE LIMIT - (8 hour TWA reference period) 5 milligrams per cubic meter.

SHORT TERM EXPOSURE LIMIT - (15 minute reference period) 10 milligrams per cubic meter.

HAND & SKIN PROTECTION- if contained or repeat exposure is likely protective clothing should be worn including nitrile/rubber or neoprene gloves.

EYE PROTECTION- eye protection should be worn if splashing is likely.

9: PHYSICAL & CHEMICAL PROPERTIES

	<u>EP00</u>	<u>EP0</u>	<u>EP1</u>	<u>EP2</u>	<u>EP3</u>	<u>COMPLEX EP2</u>	<u>EP00</u>
Appearance		yellow		brown		red	red
Flash point (c o c)	>190	>190	>190	>190	>190	>190	>190
Penetration 25°C	420	370	330	280	230	280	415

10: STABILITY & REACTIVITY

Conditions to avoid – excess heat can lead to decomposition of the constituent additives with evolution of oxides of carbon, sulphur, nitrogen, and phosphorus.

Materials to avoid – may react with strong oxidising materials.

Hazardous decomposition products – oxides of carbon, sulphur, nitrogen, phosphorous, particulate matter, unburnt hydrocarbons, polycyclic hydrocarbons & unidentified organic & inorganic compounds. With incomplete combustion – carbon monoxide.

11: TOXICOLOGICAL DATA

The mineral oils & other components of these oils may be considered not to be essentially toxic in normal handling.

12: ECOLOGICAL DATA

NO INFORMATION AVAILABLE BUT CAN BE EXPECTED TO BE BIODEGRADE SLOWLY.

13: WASTE DISPOSAL INFORMATION

Disposal by incineration or by methods approved by local authority.

14: TRANSPORT INFORMATION

Not applicable – non-hazardous.

15: REGULAROTY INFORMATION

As far as is know not classified according to EEC Directives 67/548/EEC & 88/379/EEC.

16: OTHER INFORMATION

Further information can be found in health & safety executive publications.

Information contained in this data sheet is accurate to the best of Autogems knowledge.