

# SAFETY DATA SHEET

**PRODUCT:** MOLYTEC NICKEL ANTI-SEIZE  
LEAD FREE PASTE

**REVISION DATE:** Sept 2002

**PAGE:** 1 OF 3

**HAZARDOUS STATEMENT:** Not classified as hazardous according to criteria of Worksafe Australia.

**COMPANY DETAILS:** MOLYTEC AUSTRALIA P/L  
1/9 STEEL STREET  
CAPALABA QLD 4157  
A.C.N. 010 619 217  
TELE: 07-32452355 FAX: 07-32452499

**Product Name:** NICKELTEC NICKEL ANTI-SEIZE  
(LEAD FREE PASTE)

**U.N. Number:** None

**Other Name:** NICKEL ANTI-SEIZE

**Dangerous Goods Class:** None  
**and Subsidiary Risk:** None

**Manufacturers Code:** M844 (25g) M831 (225g)  
M825 (450g) M826 (2kg)

**Hazchem Code:** None

**Use:** ANTI-SEIZE LUBRICANT

**Poison Schedule:** None

## PHYSICAL DESCRIPTION/PROPERTIES:

**Appearance & Odour:** Silver paste  
**Boiling Point** >250°C  
**Specific Gravity:** .90 approx  
**Solubility in Water:** Insoluble in water  
**P.H.** N/A  
**Flash Point** none

## Other Properties:

**CHEMICAL INGREDIENTS:** Micro sized particles of nickel and aluminium in a non melt grease with inhibitors.

<u>CHEMICAL ENTITY</u>	<u>CAS NUMBER</u>	<u>PROPORTION</u>
Mineral Oil	64742-62-7	>60%
Nickel powder	7740-02-0	<15%
Aluminium Powder	listed on US TSCA listing	< 5%
Bentonite Clay	1340-58-7	<10%.
Proprietary Anti Corrosion Additive	listed on US TSCA listing	<10%

## **HEALTH HAZARD INFORMATION:**

### HEALTH EFFECTS:

**Swallowed:** Not expected to be a problem in small amounts.  
**Eye:** May cause some irritation.  
**Skin:** Prolonged or frequent contact may cause skin irritation.  
**Inhaled:** Extremely low volatility. Not considered to be hazardous.

**PRODUCT:** MOLYTEC NICKEL ANTI-SEIZE  
LEAD FREE PASTE

**REVISION DATE:** Sept 2002

**PAGE:** 2 OF 3

**Chronic Effects:** No chronic effects have been observed under normal conditions of use.

**FIRST AID:**

**Swallowed:** If a large amount is swallowed, induce vomiting and get medical advise. take precautions to ensure patient is not suffocated if vomiting.

**Eye:** Rinse eyes immediately with water for at least 15 minutes. Seek medical advice.

**Skin:** Wash affected areas with mild soap and water. Remove contaminated clothing.

**Inhaled:** No significant risk of inhalation.

**First Aid Facilities:** No special facilities required.

**ADVICE TO DOCTOR:** Refer to First Aid above. Practically non-toxic. Not carcinogenic

**PRECAUTIONS FOR USE:**

**Ventilation:** Use in well ventilated areas.

**Exposure Limits:** No exposure limit is assigned to this substance

**PERSONAL PROTECTION:**

**Respirator Type:** Not considered necessary

**Gloves:** Use of protective gloves is good industrial practice. Gloves should prevent contact between skin and product.

**Eye Protection:** As a precaution use chemical safety goggles. Not considered necessary if used according to can instructions.

**Clothing:** Clothing should be suitable to avoid product contacting the skin on a prolonged or repeated basis.

**Other:** Spilt product presents a significant slip hazard. Avoid exposure of this product to sources of ignition.

**FLAMMABILITY:**

**Fire Hazards:** Product is Non Flammable. Combustible, Will burn if involved in fire but not considered to be a significant fire risk. Flash Point >200°C

**Ventilation:** Use and store in well ventilated area.

**SAFE HANDLING INFORMATION:**

**STORAGE & HANDLING:** No special conditions apply. Avoid spillage.

**TRANSPORT:** No special conditions apply. Avoid spillage.

**FIRE & EXPLOSIONS:** Low hazard. Non Flammable Paste.

**SPILLS:** Presents slipping hazard on floors. Wipe or soak up in inert material for disposal. wash walking surfaces with detergent and water. Prevent entry into drains, sewers & water courses.

**Minimizing Spills/Leaks:** Product is easily contained. may be slippery.

**Clean Up Spills/Leaks:** Transfer product into a container.

**PRODUCT:** MOLYTEC NICKEL ANTI-SEIZE  
LEAD FREE PASTE

**REVISION DATE:** Sept 2002

**PAGE:** 3 OF 3

**Precautions For Cleanup:** None apart from precautions noted above.  
**Special Equipment Required:** None.  
**Disposal Method:** Treat as solid waste.  
**State/Territory Authority:** Dispose according to local regulations.

**FIRE/EXPLOSION HAZARDS:**

**Flash Point:** > 200 °C  
**Flammable Limits:** Non Flammable  
**Types of extinguisher/Agent:** Carbon Dioxide, Powder, Foam. Do not use Water.  
**Precautions:** When burnt product produces carbon, oxides of carbon.

**OTHER INFORMATION:**

**TOXICOLOGICAL INFORMATION** Estimated oral LD<sub>50</sub> rat > 2g/Kg

**ENVIRONMENTAL INFORMATION:** Non Biodegradable No ecological effects are known.

**CONTACT POINT:** Molytec Australia P/L

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**POSITION:** General Manager

**TELEPHONE NUMBER:** 07- 32452355

**AUTHORISED BY:** Denis Brown

**DATE:** 12<sup>th</sup> September 2002