



Revision Number: 003.2

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## 1. PRODUCT AND COMPANY IDENTIFICATION

|                         |  |                             |  |
|-------------------------|--|-----------------------------|--|
| <b>Product name:</b>    | <b>LOCTITE LB 771 NICKLE GRADE<br/>ANTI-SEIZE known as Nickel Grade<br/>Anti-Seize</b> | <b>IDH number:</b>          | 135543   |
| <b>Product use:</b>     | Lubricant  | <b>Item number:</b>         | 77164  |
| <b>Company address:</b> | Henkel Canada Corporation<br>2515 Meadowpine Boulevard<br>Mississauga, Ontario L5N 6C3 | <b>Region:</b>              | Canada   |
|                         |  | <b>Contact information:</b> | Telephone: 905.814.6511<br>Emergency telephone: 905.814.6511<br>Internet: www.henkelna.com |

## 2. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

|                        |           |                            |              |
|------------------------|-----------|----------------------------|--------------|
| <b>Physical state:</b> | paste     | <b>WHMIS hazard class:</b> | D.2.B, D.2.A |
| <b>Color:</b>          | grey      |                            |              |
| <b>Odor:</b>           | Petroleum |                            |              |

**WARNING:** MAY CAUSE EYE IRRITATION.  
MAY CAUSE ALLERGIC SKIN REACTION.

**Relevant routes of exposure:** Skin, Eyes

### Potential Health Effects

|                      |  |
|----------------------|--|
| <b>Inhalation:</b>   | Vapors may cause headaches, nausea, dizziness and respiratory tract irritation.                                      |
| <b>Skin contact:</b> | May cause allergic skin reaction. Repeated or prolonged contact may lead to skin irritation, dermatitis or oil acne. |
| <b>Eye contact:</b>  | Contact with eyes will cause irritation.   |
| <b>Ingestion:</b>    | Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.                                      |

**Existing conditions aggravated by exposure:** Eye disorders. Skin disorders.

See Section 11 for additional toxicological information.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous components              | CAS NUMBER  | %       |
|-----------------------------------|-------------|---------|
| Petroleum Distillates             | Proprietary | 30 - 60 |
| Nickel                            | 7440-02-0   | 10 - 30 |
| Graphite                          | 7782-42-5   | 10 - 30 |
| Sodium petroleum sulfonates       | Proprietary | 1 - 5   |
| Aluminum not powder, dust or fume | 7429-90-5   | 1 - 5   |

## 4. FIRST AID MEASURES

|                      |  |
|----------------------|--|
| <b>Inhalation:</b>   | If symptoms develop and persist, get medical attention. Move to fresh air.   |
| <b>Skin contact:</b> | Wash with soap and water. If symptoms develop and persist, get medical attention.  |
| <b>Eye contact:</b>  | In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention. |

**Ingestion:** Aspiration may cause pulmonary edema and pneumonitis. Do not induce vomiting. Get medical attention.

**Notes to physician:** Aspiration may cause pulmonary edema or aspiration pneumonia.

## 5. FIRE FIGHTING MEASURES

**Flash point:** > 93 °C (> 199.4 °F)

**Autoignition temperature:** Not available.

**Flammable/Explosive limits - lower:** Not available.

**Flammable/Explosive limits - upper:** Not available.

**Extinguishing media:** foam Dry chemical. Carbon dioxide.

**Special firefighting procedures:** None

**Unusual fire or explosion hazards:** None

**Hazardous combustion products:** Metal vapors. Oxides of carbon. Oxides of aluminum. Oxides of nickel.

**Sensitivity to Mechanical Impact:** Not available.

**Sensitivity to static discharge:** Not available.

## 6. ACCIDENTAL RELEASE MEASURES

**Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.**

**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Contain spill.

**Clean-up methods:** Store in a partly filled, closed container until disposal. Scrape up as much material as possible.

## 7. HANDLING AND STORAGE

**Handling:** Use only with adequate ventilation. Do not get on skin or clothing. Do not breathe gas/fumes/vapor/spray. Wash thoroughly after handling.

**Storage:** Store away from heat, sparks, flames, or other sources of ignition. Keep in a cool, well ventilated area. Keep container closed.

For information on product shelf life contact Henkel Canada Customer Service at 800-263-5043.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

| Hazardous components              | ACGIH TLV   | OSHA PEL   | AIHA WEEL | OTHER |
|-----------------------------------|---|--|-----------|-------|
| Petroleum Distillates             | 5 mg/m3 TWA<br>Inhalable fraction.<br>5 mg/m3 TWA mist<br>10 mg/m3 STEL<br>mist | 5 mg/m3 TWA mist<br>500 ppm (2,000<br>mg/m3) PEL<br>5 mg/m3 PEL Mist.              | None      | None  |
| Nickel                            | 1.5 mg/m3 TWA<br>Inhalable fraction.  | 1 mg/m3 PEL (as<br>Ni)   | None      | None  |
| Graphite                          | 2 mg/m3 TWA<br>Respirable fraction.   | 5 mg/m3 PEL<br>Respirable fraction.<br>15 mg/m3 PEL<br>Total dust.<br>15 MPPCF TWA | None      | None  |
| Sodium petroleum sulfonates       | None  | None   | None      | None  |
| Aluminum not powder, dust or fume | 1 mg/m3 TWA<br>Respirable fraction.   | 5 mg/m3 PEL (as<br>Al) Respirable<br>dust.<br>15 mg/m3 PEL (as<br>Al) Total dust.  | None      | None  |

|                                |  |
|--------------------------------|--|
| <b>Engineering controls:</b>   | Use positive down-draft exhaust ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.  |
| <b>Respiratory protection:</b> | Observe OSHA regulations for respirator use (29 CFR 1910.134). Use a NIOSH approved supplied air respirator with an organic cartridge if the potential to exceed established exposure limits exists. |
| <b>Eye/face protection:</b>    | Safety goggles or safety glasses with side shields.  |
| <b>Skin protection:</b>        | Neoprene or oil resistant gloves.  |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|   |                      |
|---|----------------------|
| <b>Physical state:</b>                          | paste                |
| <b>Color:</b>                                   | grey                 |
| <b>Odor:</b>                                    | Petroleum            |
| <b>Odor threshold:</b>                          | Not available.       |
| <b>pH:</b>                                      | Not available.       |
| <b>Vapor pressure:</b>                          | Not available.       |
| <b>Boiling point/range:</b>                     | Not available.       |
| <b>Melting point/ range:</b>                    | Not available.       |
| <b>Specific gravity:</b>                        | 1.1                  |
| <b>Vapor density:</b>                           | Not available.       |
| <b>Flash point:</b>                             | > 93 °C (> 199.4 °F) |
| <b>Flammable/Explosive limits - lower:</b>      | Not available.       |
| <b>Flammable/Explosive limits - upper:</b>      | Not available.       |
| <b>Autoignition temperature:</b>                | Not available.       |
| <b>Evaporation rate:</b>                        | Not available.       |
| <b>Solubility in water:</b>                     | Negligible           |
| <b>Partition coefficient (n-octanol/water):</b> | Not available.       |
| <b>VOC content:</b>                             | 2.47 %; 27 g/l       |

## 10. STABILITY AND REACTIVITY

|  |                          |
|--|--------------------------|
| <b>Stability:</b>                        | Stable                   |
| <b>Hazardous reactions:</b>              | Will not occur.          |
| <b>Hazardous decomposition products:</b> | No data                  |
| <b>Incompatible materials:</b>           | Strong oxidizing agents. |
| <b>Conditions to avoid:</b>              | No data                  |

## 11. TOXICOLOGICAL INFORMATION

Toxicologically synergistic products: Not available.

Refer to the following for Irritancy of Product, Sensitization to Product, Carcinogenicity, Reproductive Toxicity, Teratogenicity, and Mutagenicity.

| Hazardous Component(s)            | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen<br>(Specifically Regulated) |
|-----------------------------------|----------------|-----------------|---|
| Petroleum Distillates             | No             | No              | No  |
| Nickel                            | No             | No              | No  |
| Graphite                          | No             | No              | No  |
| Sodium petroleum sulfonates       | No             | No              | No  |
| Aluminum not powder, dust or fume | No             | No              | No  |

| Hazardous components              | LD50s and LC50s | Health Effects/Target Organs   |
|-----------------------------------|-----------------|--|
| Petroleum Distillates             | None            | Irritant   |
| Nickel                            | None            | Allergen, Carcinogen, Irritant, Kidney, Mutagen, Reproductive, Respiratory |
| Graphite                          | None            | Lung   |
| Sodium petroleum sulfonates       | None            | No Target Organs   |
| Aluminum not powder, dust or fume | None            | Central nervous system, Irritant, Lung                                     |

## 12. ECOLOGICAL INFORMATION

Ecological information: Not available.

## 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.

## 14. TRANSPORT INFORMATION

### Canada Transportation of Dangerous Goods - Ground

Proper shipping name: Not regulated  
Hazard class or division: None  
Identification number: None  
Packing group: None

### International Air Transportation (ICAO/IATA)

Proper shipping name: Not regulated  
Hazard class or division: None  
Identification number: None  
Packing group: None

### Water Transportation (IMO/IMDG)

Proper shipping name: Not regulated  
Hazard class or division: None  
Identification number: None  
Packing group: None

## 15. REGULATORY INFORMATION

### Canada Regulatory Information

**CEPA DSL/NDL Status:** All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

### United States Regulatory Information

**TSCA 8 (b) Inventory Status:** All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

## 16. OTHER INFORMATION

**This material safety data sheet contains changes from the previous version in sections:** Reviewed MSDS. Reissued with new date.

**This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation (CPR), and the MSDS contains all the information required by the CPR.**

**Prepared by:** For Safety and Regulatory information contact: Regulatory Affairs Rocky Hill, CT 860-571-5204 Lou Fabrizio, Regulatory Affairs Specialist

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