

## SAFETY DATA SHEET

## 1 IDENTIFICATION

**PRODUCT NAME:** Neolube® No. 1260  
**PRODUCT TYPE:** Injectable thread sealant or lubricant  
**MANUFACTURER:** 03432 Huron Industries, Inc.  
**ADDRESS:** 2301 16<sup>th</sup> Street, Port Huron, MI 48060

**RESTRICTION OF USE:** None Known  
**PHONE NUMBER:** 810-984-4213 - **FAX NUMBER:** 810-987-4199  
**EMERGENCY RESPONSE:**  
**INFOTRAC:** 800-535-5053 DOMESTIC (HURON 89770)  
**INFOTRAC:** +1-352-323-3500 INTERNATIONAL (HURON 89770)

**COMPANY E-MAIL:** neolube@comcast.net

## 2. HAZARD IDENTIFICATION

**Physical Hazard:** Not Classified  
**Health Hazards:** Not Classified  
**OSHA Defined Hazards:** Not Classified  
**Label Elements**  
**Hazard Symbol** None  
**Signal Word** None  
**Hazard Statement** None  
**Precautionary Statement**  
**Prevention:** Observe good industrial hygiene practices.  
**Response:** Wash skin with soap and water.  
**Storage:** Store away from incompatible materials.  
**Disposal:** Dispose of waste and residues in accordance with local authority requirements.  
**Hazard(s) Not Otherwise Classified (HNOC):** May cause skin and eye irritation. High concentration: may cause respiratory tract irritation.

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

## Mixtures

| Chemical Name                 | CAS#      | Percent |
|-------------------------------|-----------|---------|
| Graphite                      | 7782-42-5 | 30-60   |
| Petrolatum USP                | 8009-03-8 | 20-40   |
| White mineral oil (petroleum) | 8042-47-5 | 20-40   |

**Composition Comments:** All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

## 4. FIRST-AID MEASURES

**Eye Contact:** Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids wide apart. Get medical attention if irritation develops and persists.  
**Skin Contact:** Remove contaminated clothes and wash skin thoroughly with soap and water for at least 15 minutes. Get medical attention if irritation develops and persists.  
**Inhalation:** Move injured person into fresh air and keep person calm under observation. Get medical attention if any discomfort continues.  
**Ingestion:** Rinse mouth thoroughly with water. Give one or two glasses of water if patient is alert and able to swallow. Seek immediate medical attention. Do not induce vomiting. Get medical attention if any discomfort continues.  
**Most important symptoms/effects, acute and delayed:** Eye Contact: Exposed individuals may experience eye tearing, redness, and discomfort.  
**Indication of immediate medical attention and special treatment needed:** Treat symptomatically.  
**General Information:** First aid personnel must be aware of own risk during rescue.

## 5. FIRE-FIGHTING MEASURES

## Extinguishing Media

**Suitable Extinguishing Media:** Extinguish with foam, carbon dioxide, or dry powder.

**Unsuitable Extinguishing Media:** None

## Protection of Firefighters

**Specific hazards arising from the chemical:** During fire, gases hazardous to health may be formed.

**Special Protective Equipment/Precautions for Firefighters:** Self-Contained breathing apparatus and full protective clothing must be worn in case of fire.

**Fire Fighting Equipment/Instructions:** Use standard firefighting procedures and consider the hazards of other involved materials.

**General fire hazards:** This product is not flammable.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment, and emergency procedures:** Avoid inhalation of vapors and contact with skin and eyes. Wear suitable protective clothing and gloves. In case of spills, beware of slippery floors and surfaces. See Section 8 of the SDS for Personal Protective Equipment.

**Environmental precautions:** Avoid discharge into drains, watercourses or onto the ground.

**Methods and materials for containment and cleaning up:** Spilled and released material should be picked up with a suitable implement. Containers must be labeled. For waste disposal, see section 13 of the SDS.

## 7. HANDLING AND STORAGE

**Precautions for safe handling:** Normal handling and use of this product should not generate dust or fumes. Avoid inhalation of vapors and contact with skin and eyes. Wear appropriate personal protective equipment. Keep the workplace clean. Observe good industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities:** Keep away from heat, spark, open flames, and other sources of ignition. Store away from incompatible materials.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits:

| US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) |      |                                             |                                    |
|-------------------------------------------------------------------|------|---------------------------------------------|------------------------------------|
| Components (CAS#)                                                 | Type | Value                                       | Form                               |
| Graphite (7782-42-5)                                              | PEL  | 5 mg/m <sup>3</sup><br>15 mg/m <sup>3</sup> | Respirable fraction.<br>Total Dust |
| Petrolatum USP (8009-03-8)                                        | PEL  | 5 mg/m <sup>3</sup>                         | Mist.                              |
| White mineral oil, petroleum (8042-47-5)                          | PEL  | 5 mg/m <sup>3</sup>                         | Mist.                              |
| US. OSHA Table Z-3 (29 CFR 1910.1000)                             |      |                                             |                                    |
| Components                                                        | Type | Value                                       | Form                               |
| Graphite (7782-42-5)                                              | TWA  | 15 millions of particle                     |                                    |
| US. ACGIH THRESHOLD LIMIT VALUES                                  |      |                                             |                                    |
| Components (CAS#)                                                 | Type | Value                                       | Form                               |
| Graphite (7782-42-5)                                              | TWA  | 2 mg/m <sup>3</sup>                         | Respirable fraction.               |
| Petrolatum USP (8009-03-8)                                        | TWA  | 5 mg/m <sup>3</sup>                         | Inhalable fraction.                |
| US. NIOSH: Pocket Guide to Chemical Hazards                       |      |                                             |                                    |
| Components                                                        | Type | Value                                       | Form                               |
| Graphite (7782-42-5)                                              | TWA  | 2.5 mg/m <sup>3</sup>                       | Respirable.                        |
| Petrolatum USP (8009-03-8)                                        | STEL | 10 mg/m <sup>3</sup>                        | Mist.                              |
|                                                                   | TWA  | 5 mg/m <sup>3</sup>                         | Mist.                              |
| White Mineral Oil, petroleum (8042-47-5)                          | STEL | 10 mg/m <sup>3</sup>                        | Mist.                              |
|                                                                   | TWA  | 5 mg/m <sup>3</sup>                         | Mist.                              |

**Biological limit values:** No biological exposure limits noted for the ingredient(s).

**Appropriate engineering controls:** Observe Occupational Exposure Limits and minimize the risk of inhalation. Provide explosion proof ventilation for high concentrations. Provide access to washing facilities including soap, skin cleanser, and fatty cream.

**Individual protection measures, such as personal protective equipment:**

**Eye/Face Protection:** Wear approved safety goggles.

**Skin Protection:**

**Hand Protection:** Wear protective gloves. Suitable gloves can be recommended by the glove supplier.

**Other:** Wear appropriate clothing to prevent repeated or prolonged skin contact.

**Respiratory Protection;** No protection is ordinarily required under normal conditions of use and with adequate ventilation. Respiratory protection must be used if air contamination exceeds acceptable level. If engineering controls do not maintain airborne concentrations below recommended exposure limits (Where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA 29 CFR 1910.134. Use a NIOSH-approved respirator if there is a potential for exposure to dust exceeding exposure limits (See 29 CFR 1910.134, respiratory protection standard). Seek advice from supervisor on the company's respiratory protection standards.

**Thermal hazards:** Wear appropriate thermal protective clothing, when necessary.

**General Hygiene Considerations:** Always observe national occupational health and hygiene requirements including requirements for medical surveillance.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Black Paste

**Odor Threshold:** Not applicable

**Physical State:** Solid

**Form:** Paste

**Color:** Black

**Odor:** None

**pH:** Not applicable

**Melting Point/Freezing Point:** Not applicable

**Initial Boiling Point and Boiling Point Range:** 600°-625°F (315.6°-329.4°C)

**Flash Point:** 160°C (320°F)

**Evaporation Rate:** Not applicable

**Viscosity:** Not Available

**Flammability (solid, gas):** Will burn if involved in a fire

**Upper/Lower Flammability or Explosive Limits**

**Flammability Limit - Lower (%):** Not applicable

**Flammability Limit - Upper (%):** Not applicable

**Explosive Limit - Lower (%):** Not applicable

**Explosive Limit - Upper (%):** Not applicable

**Vapor Pressure:** Not applicable

**Vapor Density (Air=1):** Not applicable

**Relative Density (Specific Gravity):** 1.5 - 1.7 (21°C (70°F))

**Solubility (Water):** Insoluble in water

**Partition Coefficient (n-Octanol/water):** Not applicable

**Auto ignition Temperature:** Not applicable

**Bulk Density:** No Data Available

**Explosive Limit:** Not applicable

## 10. STABILITY AND REACTIVITY

**Reactivity:** Not available

**Chemical Stability:** Material is stable under normal conditions.

**Conditions to Avoid:** Excessive heat.

**Incompatible Materials:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Carbon oxides

**Possibility of Hazardous Reactions:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure:

**Ingestion:** May cause discomfort if swallowed.

**Inhalation:** High concentrations: May cause respiratory tract irritation.

**Skin Contact:** May cause skin irritation.

**Eye Contact:** May cause eye irritation.

**Symptoms related to the physical, chemical, and toxicological characteristics:** Eye contact: Exposed individuals may experience eye tearing, redness and discomfort.

### Information on Toxicological Effects

#### Acute Toxicity

| Components                                                                               | Species                                                                  | Test Results       |
|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------|
| Graphite (CAS 7782-42-5)<br>Acute<br>Oral<br>LD 50                                       | Rat                                                                      | >10000 mg/kg       |
| Skin Corrosion/Irritation                                                                | May cause skin irritation.                                               |                    |
| Serious Eye Damage/Eye Irritation                                                        | May cause eye irritation.                                                |                    |
| Respiratory or Skin Sensitization                                                        |                                                                          |                    |
| Respiratory Sensitization                                                                | No data available.                                                       |                    |
| Skin Sensitization                                                                       | Not a skin sensitizer.                                                   |                    |
| Germ Cell Mutagenicity                                                                   | No data available.                                                       |                    |
| Carcinogenicity                                                                          | No data available.                                                       |                    |
| IARC Monographs. Overall Evaluation of Carcinogenicity<br>Petrolatum USP (CAS 8009-03-8) | 3 Not classifiable as to carcinogenicity to humans.                      |                    |
| Chronic effects                                                                          | None Known.                                                              |                    |
| Reproductive toxicity                                                                    | No data available.                                                       |                    |
| Specific target organ toxicity – Single Exposure                                         |                                                                          | No data available. |
| Specific target organ toxicity – Repeated Exposure                                       |                                                                          | No data available. |
| Aspiration Hazard                                                                        | Due to the physical form of the product, it is not an aspiration hazard. |                    |
| Further Information                                                                      | High concentrations may cause respiratory irritation.                    |                    |

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Persistence and Degradability:** No data available.

**Bioaccumulation Potential:** No data available.

**Mobility in Soil:** No data available.

**Mobility in General:** The product is insoluble in water and will sediment in water systems.

**Other adverse effects:** No data available.

## 13. DISPOSAL CONSIDERATIONS

**Hazardous Waste Codes:** The waste code should be assigned in discussion between the user, the producer, and the waste disposal company.

**Disposal Instructions:** Dispose of waste and residues in accordance with local authority requirements. Waste must be kept in sealed and labeled containers.

**Waste from residues/unused products:** Dispose of in accordance with local regulations.

**Contaminated Packaging:** Disposal recommendations are based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal. Recover and reclaim or recycle, if practical.

## 14. TRANSPORT INFORMATION

**DOT /IATA/IMDG:** Not regulated as a dangerous goods.

## 15. REGULATORY INFORMATION

|                                                                                  |                                                                                                               |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| US Federal Regulations                                                           | This product is hazardous according to OSHA 29 CFR 1910.1200                                                  |
| TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)                    | Not Regulated                                                                                                 |
| US. OSHA Specifically Regulated substances (29 CFR 1910.1001-1050)               | Not Listed                                                                                                    |
| CERCLA Hazardous Substance List (40 CFR 302.4)                                   | Not Listed                                                                                                    |
| Superfund Amendments and Reauthorization Act of 1986 (SARA)<br>Hazard Categories | Immediate Hazard: No<br>Delayed Hazard: No<br>Fire Hazard: No<br>Pressure Hazard: No<br>Reactivity Hazard: No |
| Section 302 extremely hazardous substance                                        | Not Listed                                                                                                    |
| Section 311/312 Hazardous Chemical                                               | Yes                                                                                                           |
| SARA 313 (TRI Reporting)                                                         | Not Regulated                                                                                                 |

|                                                                                  |                |
|----------------------------------------------------------------------------------|----------------|
| <b>Other Federal Regulations</b>                                                 |                |
| Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List             | Not Regulated  |
| Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) | Not Regulated  |
| Safe Drinking Water Act (SDWA)                                                   | Not Regulated  |
| Drug Enforcement Administration (DEA) (21 CFR 1308.11-15)                        | Not Controlled |

|                                                                                                                                                                                                                                                                                |                                                                        |                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------|
| <b>US-Massachusetts RTK – Substance List</b>                                                                                                                                                                                                                                   |                                                                        |                        |
| Graphite (CAS 7782-42-5)                                                                                                                                                                                                                                                       |                                                                        |                        |
| Petrolatum USP (CAS 8009-03-8)                                                                                                                                                                                                                                                 |                                                                        |                        |
| White Mineral Oil (Petroleum) (CAS 8042-47-5)                                                                                                                                                                                                                                  |                                                                        |                        |
| <b>US-New Jersey Worker and Community Right-to-Know Act</b>                                                                                                                                                                                                                    |                                                                        |                        |
| Graphite (CAS 7782-42-5)                                                                                                                                                                                                                                                       |                                                                        |                        |
| Petrolatum USP (CAS 8009-03-8)                                                                                                                                                                                                                                                 |                                                                        |                        |
| White Mineral Oil (Petroleum) (CAS 8042-47-5)                                                                                                                                                                                                                                  |                                                                        |                        |
| <b>US-Pennsylvania Worker and Community Right-to-Know Law</b>                                                                                                                                                                                                                  |                                                                        |                        |
| Graphite (CAS 7782-42-5)                                                                                                                                                                                                                                                       |                                                                        |                        |
| Petrolatum USP (CAS 8009-03-8)                                                                                                                                                                                                                                                 |                                                                        |                        |
| White Mineral Oil (Petroleum) (CAS 8042-47-5)                                                                                                                                                                                                                                  |                                                                        |                        |
| <b>US-Rhode Island RTK</b>                                                                                                                                                                                                                                                     |                                                                        |                        |
| Not Regulated                                                                                                                                                                                                                                                                  |                                                                        |                        |
| <b>US-California Proposition 65</b>                                                                                                                                                                                                                                            |                                                                        |                        |
| US-California Proposition 65-Carcinogens&Reproductive Toxicity (CRT): Listed Substance                                                                                                                                                                                         |                                                                        |                        |
| Not Listed                                                                                                                                                                                                                                                                     |                                                                        |                        |
| <b>International Inventories</b>                                                                                                                                                                                                                                               |                                                                        |                        |
| Country(s) or Region                                                                                                                                                                                                                                                           | Inventory Name                                                         | On Inventory (yes/no)* |
| Australia                                                                                                                                                                                                                                                                      | Australian Inventory of Chemical Substances (AICS)                     | Yes                    |
| Canada                                                                                                                                                                                                                                                                         | Domestic Substances List (DSL)                                         | Yes                    |
| Canada                                                                                                                                                                                                                                                                         | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                                                                                                                                                                                                                                                                          | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                    |
| Europe                                                                                                                                                                                                                                                                         | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes                    |
| Europe                                                                                                                                                                                                                                                                         | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                                                                                                                                                                                                                                                                          | Inventory of Existing and New Chemical Substances (ENCS)               | No                     |
| Korea                                                                                                                                                                                                                                                                          | Existing Chemicals List (ECL)                                          | Yes                    |
| New Zealand                                                                                                                                                                                                                                                                    | New Zealand Inventory                                                  | Yes                    |
| Philippines                                                                                                                                                                                                                                                                    | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | Yes                    |
| United States & Puerto Rico                                                                                                                                                                                                                                                    | Toxic Substances Control Act (TSCA) Inventory                          | Yes                    |
| A "YES" indicates this product complies with the inventory requirements administered by the governing country(s). A "NO" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s). |                                                                        |                        |

#### 16. OTHER INFORMATION

Further Information: This safety Data Sheet was prepared in accordance with OSHA 1910.1200 Hazard Communication Standard (HCS 2012) This safety data sheet contains changes from the previous version in sections: New Material Safety Data Sheet format. The data contained herein are furnished for information only and are believed to be reliable. However, Huron Industries, Inc. and its affiliates ("HI") do not assume responsibility for any results obtained by persons over whose methods HI has no control. It is the user's responsibility to determine the suitability of HI's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any HI's products. In light of the foregoing, HI specifically disclaims all warranties, express, or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of HI's products. HI further disclaims any liability for consequential or incidental damages of any kind, including lost profits. NEOLUBE® is a Registered Trademark of Huron Industries, Inc.

|                  |                                |             |            |
|------------------|--------------------------------|-------------|------------|
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| PREPARED BY:     | DEBRA HARDY <i>Debra Hardy</i> |             |            |

NFPA RATINGS:



091260SDS