

# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Material name** NYOGEL 760G  
**Version #** 17  
**Revision date** January-26-2013  
**CAS #** Mixture  
**Product Code** NYOGEL 760G  
**Product use** Lubricating Grease  
**Manufacturer information** Nye Lubricants, Inc.  
12 Howland Road  
Fairhaven, MA 02719 US  
508-996-6721  
CHEMTREC 1-800-424-9300

## 2. Hazards Identification

**Emergency overview** Prolonged and/or repeated skin contact may result in mild irritation or redness. May be ignited by heat, sparks or flames. Contact with eyes may cause irritation. Health injuries are not known or expected under normal use.

**OSHA regulatory status** This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).

**Potential health effects**

**Routes of exposure** Skin contact. Eye contact.

**Eyes** Contact with eyes may cause irritation.

**Skin** Prolonged and/or repeated skin contact may result in mild irritation or redness.

**Inhalation** Health injuries are not known or expected under normal use.

**Ingestion** Health injuries are not known or expected under normal use.

**Target organs** Eyes. Skin.

## 3. Composition / Information on Ingredients

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

## 4. First Aid Measures

**First aid procedures**

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

**Skin contact** Wash off with soap and water. Get medical attention if symptoms occur. Wash clothing separately before reuse.

**Inhalation** If symptoms develop, remove affected person from source of exposure into fresh air. Get immediate medical attention.

**Ingestion** If ingestion of a large amount does occur, seek medical attention. Do not induce vomiting without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth to a victim who is unconscious or is having convulsions.

**General advice** If you feel unwell, seek medical advice (show the label where possible).

## 5. Fire Fighting Measures

**Flammable properties** The product is not flammable. No unusual fire or explosion hazards noted.

**Extinguishing media**

**Suitable extinguishing media** Water Fog. Foam. Carbon dioxide (CO2). Dry chemical.

**Unsuitable extinguishing media** Water. Do not use water jet as an extinguisher, as this will spread the fire.

**Fire fighting equipment/instructions** Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Move containers from fire area if you can do it without risk.

**Hazardous combustion products** Carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

## 6. Accidental Release Measures

**Personal precautions** Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak. Observe precautions from other sections.

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewers, basements or confined areas.

**Methods for containment** Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.

**Methods for cleaning up** Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Soak up with inert absorbent material. Absorb in vermiculite, dry sand or earth and place into containers. Clean contaminated surface thoroughly. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills in original containers for re-use. For waste disposal, see section 13 of the MSDS. Clean up spills immediately, observing precautions in Protective Equipment section. Sweep up and shovel into suitable containers for disposal.

## 7. Handling and Storage

**Handling** Do NOT pressurize, cut, heat, or weld containers. Empty product containers may contain product residue. Avoid prolonged or repeated skin contact with this material. Avoid breathing gas/vapors/mist/fumes. Do not handle or store near an open flame, heat or other sources of ignition. Do not take internally. Do not taste or swallow. Avoid contact with eyes. Wash thoroughly after handling. Handle and open container with care.

**Storage** Keep away from heat and sources of ignition. Store in cool place. Store in a closed container away from incompatible materials. Use care in handling/storage.

## 8. Exposure Controls / Personal Protection

**Engineering controls** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

**Personal protective equipment**

- Eye / face protection** Wear safety glasses; chemical goggles (if splashing is possible).
- Skin protection** Wear suitable protective clothing. Wear nitrile, neoprene, PVC or viton gloves.
- Respiratory protection** No personal respiratory protective equipment normally required. An air purifying respirator with an organic vapor cartridge may be used under certain circumstances where airborne concentrations are expected to exceed exposure limits, or if irritation or symptoms are experienced. Respiratory protection must be provided in accordance with 29 CFR 1910.134.

**General hygiene considerations** When using, do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practice. Wash hands thoroughly after handling. Launder contaminated clothing before reuse.

## 9. Physical & Chemical Properties

**Appearance** Not available.

**Form** Liquid. Semi-solid

**Color** Clear.

**Odor** Slight.

**Flash point** Not available.

**Other data**

- Flash point class** Combustible IIIB
- Shelf life** 4 years

## 10. Chemical Stability & Reactivity Information

**Chemical stability** Material is stable under normal conditions. Stable.

**Conditions to avoid** Heat, flames and sparks.

**Incompatible materials** Strong acids, alkalies and oxidizing agents.

**Hazardous decomposition products** Carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

## 11. Toxicological Information

**Carcinogenicity** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

**Further information** This product has no known adverse effect on human health.

## 12. Ecological Information

**Ecotoxicity** This material is not expected to be harmful to aquatic life.

**Persistence and degradability** Not available.

## 13. Disposal Considerations

**Disposal instructions** Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations.

**Waste from residues / unused products** Not applicable.

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport Information

### DOT

Not regulated as dangerous goods.

## 15. Regulatory Information

**US federal regulations** This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.  
All components are on the U.S. EPA TSCA Inventory List.

CERCLA/SARA Hazardous Substances - Not applicable.

### **Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2))**

Not regulated

### **DEA Essential Chemical Code Number**

Not regulated

### **Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))**

Not regulated

### **DEA Exempt Chemical Mixtures Code Number**

Not regulated

### **CERCLA (Superfund) reportable quantity**

None

### **Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories** Immediate Hazard - No  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

**Section 302 extremely hazardous substance** No

**Section 311 hazardous chemical** No

### **Inventory status**

<b>Country(s) or region</b>	<b>Inventory name</b>	<b>On inventory (yes/no)*</b>
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes

Country(s) or region	Inventory name	On inventory (yes/no)*
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)	No
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)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

**State regulations** This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

## 16. Other Information

### Further information

HMIS® is a registered trade and service mark of the NPCA.

### HMIS® ratings

Health: 0  
 Flammability: 0  
 Physical hazard: 0

### NFPA ratings

Health: 0  
 Flammability: 0  
 Instability: 0

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release. Nye Lubricants, Inc. makes no warranty with respect thereto and disclaims all liability with respect thereon. The information in the sheet was written based on the best knowledge and experience currently available.

### Issue date

January-26-2013

### This data sheet contains changes from the previous version in section(s):

Product and Company Identification: Product and Company Identification  
 Physical & Chemical Properties: Color  
 Physical & Chemical Properties: Odor  
 Toxicological Information: Carcinogenicity