NYOGEL 760G

Product: 760G

Revision Date: 2003/02/10

Section 1 : PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: Nye Lubricants, Inc:.

Manufacturer emergency phone number: Chemtrec 800–424–9300.
508–996–6721 (8:00AM – 5:00PM ET weekdays).

Product name: Nyogel 760G.

Chemical family: Lubricating grease.

HMIS	
H	1
F	1
R	0
PPE	Sec. 8

Section 2 : INGREDIENT INFORMATION

C.A.S.	Conc% wgt/wgt	Ingredient Name	OSHA–PEL TWA	OSHA–PEL STEL	ACGIH–TLV TWA	ACGIH–TLV STEL	NIOSH REL TWA	NIOSH REL STEL	NIOSH IDLH
		OIL MIST	5 MG/M3	NOT AVAILABLE	5 MG/M3	NOT AVAILABLE	5 MG/M3	10 MG/M3	2500 MG/M3

Section 2A: ADDITIONAL INGREDIENT INFORMATION

Note: Product formulation is Proprietary.
No ingredients are known to be hazardous under normal usage.

Section 3 : HAZARD IDENTIFICATION

Emergency overview: May irritate eyes. Prolonged or repeated skin contact may cause irritation. Inhalation of oil mist or vapors from material at high temperatures may irritate respiratory passages.

Route of entry: Skin contact, eye contact, inhalation and ingestion.

Effects of acute exposure

Eye contact: May cause irritation.

Skin contact: May cause irritation on prolonged or repeated contact.

Inhalation: Oil mist and vapors at high temperatures may irritate respiratory passages.

Ingestion: May cause gastro–intestinal irritation.

Effects of chronic exposure: See effects of acute exposure.

Carcinogenic effects: IARC, NTP, and OSHA do not list this product or its ingredients as carcinogens.

Medical conditions aggravated by exposure: None known.

Target organs: Respiratory passages at high temperatures, eyes, skin.

Section 4 : FIRST AID MEASURES

Skin contact: Remove contaminated clothing.
Wash thoroughly with soap and water.
Seek medical attention if irritation persists.

Eye contact: Flush with water for at least 15 minutes.
Obtain immediate medical attention.

Inhalation: Remove victim to fresh air. If not breathing, qualified personnel should administer artificial respiration. Get medical attention.
If breathing is difficult, administer oxygen.

Ingestion: Obtain immediate medical attention.
Do not induce vomiting, unless directed to do so by a physician.

Section 5 : FIRE FIGHTING MEASURES

Flammability: Not flammable.

Conditions of flammability: At temperatures at or above flash point.

Extinguishing media: Carbon dioxide, dry chemical, foam.
Water spray.

Special procedures: Self–contained breathing apparatus required.
Firefighters should wear the usual protective gear.
Do not let firefighting water runoff enter a sewer.

Auto–ignition temperature: Not available.

Flash point (°C), method: Closed Cup.
ASTM D–93.
>400°F (204°C).

Lower flammability limit (% vol): Not available.

Upper flammability limit (% vol): Not available.

Explosion Data

Sensitivity to static discharge: Not available.

Sensitivity to mechanical impact: Not available.

Hazardous combustion products: Carbon monoxide (CO).
Traces of other toxic fumes.

Rate of burning: Not available.

Explosive power: Not available.

Section 6 : ACCIDENTAL RELEASE MEASURES

Leak/Spill: Contain the spill.
Prevent entry into drains, sewers, and other waterways.
Area will be slippery until cleaned.
Wear appropriate protective equipment.
Wipe or scrape up spilled material.
Wash spill area after material pick up is complete.
Transfer to an approved container for disposal or recovery.
Observe precautions from other sections.

Follow applicable OSHA (29 CFR 1910.120), state and local regulations.

Section 7 : HANDLING AND STORAGE

Handling procedures and equipment: Wash thoroughly after using, particularly before eating or smoking.
Do not eat, drink or smoke in handling area.
Avoid contamination of cigarettes or other tobacco products.
Launder contaminated clothing prior to reuse.
Users should be alert to the possibility that very small percentages of the population may display unexpected allergic reactions to otherwise innocuous industrial lubricants and raw materials.

Storage requirements: Store away from incompatible materials.
Do not store in open or unlabelled containers.

Section 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary Measures

Gloves/Type:

Chemical resistant gloves.
Avoid skin contact.

Respiratory/Type: None required under normal use.

If exposure limit is exceeded, wear a NIOSH approved respirator.
Avoid breathing oil mist.

Eye/Type: Avoid eye contact.

Safety glasses, goggles or face shield.
In accordance with OSHA 29 CFR 1910.133.

Footwear/Type: Safety shoes per local regulations.

Clothing/Type: Wear adequate protective clothes.

Apron

Other/Type: Eye wash facility should be in close proximity.
Emergency shower should be in close proximity.

Ventilation requirements: Local ventilation is generally not necessary under normal conditions of use with adequate general ventilation. Ventilation and other forms of engineering controls are the preferred means for controlling chemical exposures.

Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Semi–solid.

Appearance & odor: Slight odour.
Clear to light yellow.
Smooth grease.

Odor threshold (ppm): Not available.

Vapour pressure (mmHg): Negligible.

Vapour density (air=1): Not available.

Volatiles (%): None

Evaporation rate (butyl acetate = 1): Not available.

Boiling point (°C): Not volatile.

Freezing point (°C): Non–melting.

pH: Not available.

Specific gravity @ 20 °C: (water = 1, @ 4°C).
0.91 @ 25°C

Solubility in water (%): Insoluble.

Coefficient of water\oil dist.: Not available.

VOC: None

Section 10 : STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions.

Conditions of instability: Pyrolysis.

Hazardous polymerization: Will not occur.

Incompatible substances: Strong oxidizing agents.

Hazardous decomposition products: See hazardous combustion products.

Section 11 : TOXICOLOGICAL INFORMATION

Sensitization to product: Not available.

Reproductive effects: Not available.

Teratogenicity: Not available.

Mutagenicity: Not available.

Synergistic materials: Not available.

Section 12 : ECOLOGICAL INFORMATION

Environmental toxicity: No data at this time.

Environmental fate: No data at this time.

Section 13 : DISPOSAL CONSIDERATIONS

Waste disposal: Contact a licensed waste–disposal contractor for detailed recommendations.
Many states classify waste lubricants as "hazardous", which means disposal can only be a licensed firm. Follow applicable Federal, state, and local regulations.

Section 14 : TRANSPORT INFORMATION

DOT: Not regulated.

Section 15 : REGULATORY INFORMATION

USA Regulatory Information

SARA hazard catagories sections 311/312: Immediate (Acute) Health Hazard: No.
Delayed (Chronic) Health Hazard: No.
Fire Hazard: No.
Sudden Release of Pressure: No.
Reactive: No.

SARA Section 313: Not regulated.

TSCA inventory: All components of this product are listed on the TSCA inventory.

Section 16 : OTHER INFORMATION

Supplier MSDS date: 2003/02/10

Data prepared by: GSM

Disclaimer: While the information and recommendations set forth herein are believed to be accurate as of the date hereof, Nye Lubricants, Inc. makes no warranty with respect thereto and disclaims all liability with respect thereon.