

A silica thickened, heavy viscosity, synthetic hydrocarbon grease intended for mechanical and electromechanical components that require a heavy level of damping. Used to reduce free motion and to quiet operating noise of loosely-fitting components.

Lubricant Properties		Typical Value	Test Method
<b>Recommended Service Range (°C)</b>		0 to 125	
<b>Thickener</b>		Silica	
<b>Base Oil</b>	Type	Polyalphaolefin	
	Kinematic Viscosity	100°C 40°C	851.5 cSt 28185 cSt
	Viscosity Index		121
	Flash Point	°C	> 260
Typical Properties of the Grease		Typical Value	Test Method
<b>Color, Appearance</b>		Light yellow	
<b>Penetration (1/10 mm)</b>	Unworked		285
	Worked	60X	273
	NLGI Grade		2
<b>Density</b>		25°C	0.87 g/cm <sup>3</sup>
<b>Oil Separation</b>	24 hour(s)	100°C	0.1 %
<b>Evaporation</b>	24 hour(s)	100°C	0.2 %

The typical properties shown on this product data sheet should not be used as a basis for preparing specifications. Refer to our product MSDS for detailed safety information because this product. (1301)

# NYOGEL 767A-MS

Product: 767A-MS

Revision Date: 2003/03/26

## Section 1 : PRODUCT AND COMPANY IDENTIFICATION

**Manufacturer:** Nye Lubricants, Inc.:

**Manufacturer emergency phone** Chemtrec 800-424-9300.

**number:** 508-996-6721 (8:00AM - 5:00PM ET weekdays).

**Product name:** Nyogel 767A-MS

**Chemical family:** Lubricating grease.

### HMIS

H 1

F 1

R 0

PPE Sec. 8

## Section 2 : INGREDIENT INFORMATION

C.A.S.	Conc% wt/wgt	Ingredient Name	OSHA-PEL TWA	OSHA-PEL STEL	ACGIH-TLV TWA	ACGIH-TLV STEL	NIOSH REL TWA	NIOSH REL STEL	NIOSH IDLH
1317-33-5	3.0	MOLYBDENUM SULFIDE	15 MG/M3, TOTAL DUST	NOT AVAILABLE	10 MG/M3, TOTAL DUST	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	5000 MG/M3
		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 other ingredients are known to be hazardous under normal usage.

**Note:** CAS# 1317-33-5

ACGIH TLV TWA - 3 mg/m3, Resp. Dust.

## 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).  
Oxides of sulfur (SO<sub>x</sub>).  
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:** Maintain a good personal hygiene.  
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:** Mild odour.  
Black  
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):** (drop point).  
Non-melting.

**pH:** Not available.

**Specific gravity @ 20 °C:** Not available.

**Solubility in water (%):** Insoluble.

**Coefficient of water/oil dist.:** Not available.

**VOC:** None

### Section 10 : STABILITY AND REACTIVITY

**Chemical stability:** Product is stable under normal handling and storage 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 categories sections** Immediate (Acute) Health Hazard: No.  
**311/312:** 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:** 2003/03/26

**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.