

# SAFETY DATA SHEET



## 1. Identification of the substance or mixture and of the supplier

- 1.1 GHS product identifier** NYOGEL 774L
- 1.2 Other means of identification**  
**Product Code** NYOGEL 774L
- 1.3 Recommendations and restrictions on the use of substances or mixtures**  
**Recommended use** Lubricating Grease  
**Recommended restrictions** Not available.
- 1.4 Supplier's details**  
**Manufacturer**  
**Company name** Nye Lubricants, Inc. A Member of the FUCHS Group  
**Address** 12 Howland Road  
Fairhaven MA 02719  
United States  
**Telephone** +1-508-996-6721  
**Website** www.nyelubricants.com  
**E-mail** sds@fuchs.com  
**Contact person** Not available.
- 1.5 Emergency phone number**
- |              |                 |
|--------------|-----------------|
| Americas     | +1 760 476 3961 |
| Europe       | +1 760 476 3962 |
| Asia Pacific | +1 760 476 3960 |
| Access code  | 334212          |

## 2. Hazards identification

- 2.1 GHS classification of substance or mixture, and national or regional information**  
**Physical hazards** Not classified.  
**Health hazards** Not classified.  
**Environmental hazards** Not classified.
- 2.2 GHS label elements**  
**Hazard symbol(s)** None.  
**Signal word** None.  
**Hazard statement(s)** The mixture does not meet the criteria for classification.  
**Precautionary statement(s)**  
**Prevention** Observe good industrial hygiene practices.  
**Response** Wash hands after handling.  
**Storage** Store away from incompatible materials.  
**Disposal** Dispose of waste and residues in accordance with local authority requirements.
- 2.3 Other hazards which do not result in GHS classification** None known.
- Supplemental information** None.

## 3. Composition/information on ingredients

### 3.2 Mixture

Chemical identity	Common name and synonym	CAS number and other unique identifiers	Concentration or concentration range
1-Decene, homopolymer, hydrogenated		68037-01-4	30 - < 40
1-DODECENE POLYMER WITH 1-DECENE, HYDROGENATED		151006-60-9	30 - < 40

Chemical identity	Common name and synonym	CAS number and other unique identifiers	Concentration or concentration range
BENZENAMINE, N-PHENYL-, REACTION PRODUCTS WITH 2,4,4-TRIMETHYLPENTENE		68411-46-1	< 1
Other components below reportable levels			30 - < 40

## 4. First-aid measures

### 4.1 Description of first-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.

### 4.2 Most important symptoms/effects, acute and delayed

Direct contact with eyes may cause temporary irritation.

### 4.3 Indication of immediate medical considerations and important specific treatment that should be performed

Treat symptomatically.

### General advice

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5. Fire-fighting measures

### 5.1 Prohibited extinguishing media and suitable extinguishing media

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

### 5.2 Specific hazards arising from chemicals

During fire, gases hazardous to health may be formed.

### 5.3 Special protective equipment and precautions for fire-fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

### Fire fighting equipment/instructions

Use water spray to cool unopened containers.

### General fire hazards

No unusual fire or explosion hazards noted.

### Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.

## 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.

### 6.2 Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

### 6.3 Methods and materials for containment and cleaning up

Stop the flow of material, if this is without risk. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.

## 7. Handling and storage

### 7.1 Precautions for safe handling, use and storage

Observe good industrial hygiene practices.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).  
Storage class (TRGS 510): 11 (Combustible solids that cannot be assigned to any of the above storage classes)

## 8. Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limits

No exposure limits noted for ingredient(s).

#### Biological limit values

No biological exposure limits noted for the ingredient(s).

### 8.2 Appropriate engineering controls

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

### 8.3 Personal protective measures

Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin protection	
Hand protection	Wear appropriate chemical resistant gloves.
Other	Wear suitable protective clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.



#### General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

9.1 Appearance	Smooth
Physical state	Solid.
Form	Solid. Semi-solid
Color	Tan. Light brown.
9.2 Odor	Not available.
9.3 Odor threshold limit	Not available.
9.4 pH	Not available.
9.5 Melting point/freezing point	Not available.
9.6 Initial boiling point and boiling range	Not available.
9.7 Flash point	Not available.
9.8 Evaporation rate	Not available.
9.9 Flammability (solid, gas)	Not available.
9.10 Upper/lower flammability or explosive limits	
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
9.11 Vapor pressure	Not available.
9.12 Vapor density	Not available.
9.13 Relative density	Not available.
9.14 Solubility(ies)	
Solubility (water)	Not available.
9.15 Partition coefficient: n-octanol/water	Not available.
9.16 Auto-ignition temperature	Not available.
9.17 Decomposition temperature	Not available.
9.18 Viscosity	Not available.
Other information	
Density	0.84 g/cm <sup>3</sup>
Dropping point	>482 °F (>250 °C)
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Shelf life	4 years

## 10. Stability and reactivity

10.1 Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
10.2 Chemical stability	Material is stable under normal conditions.
10.3 Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
10.4 Conditions to avoid	Contact with incompatible materials.

<b>10.5 Incompatible materials</b>	Strong oxidizing agents.
<b>10.6 Hazardous decomposition products</b>	No hazardous decomposition products are known.

## 11. Toxicological information

### 11.1 Information on likely routes of exposure

<b>Inhalation</b>	No adverse effects due to inhalation are expected.
<b>Skin contact</b>	No adverse effects due to skin contact are expected.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.
<b>Ingestion</b>	Expected to be a low ingestion hazard.

<b>11.2 Symptoms related to physical, chemical and toxicological characteristics</b>	Direct contact with eyes may cause temporary irritation.
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<b>11.3 Delayed and immediate effects, including chronic effects from short- and long-term exposure</b>	Not available.
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### 11.4 Numerical values of toxicity

<b>Acute toxicity</b>	Not available.
<b>Skin corrosion/irritation</b>	Prolonged skin contact may cause temporary irritation.
<b>Serious eye damage/eye irritation</b>	Direct contact with eyes may cause temporary irritation.
<b>Respiratory or skin sensitization</b>	
<b>Respiratory sensitization</b>	Not a respiratory sensitizer.
<b>Skin sensitization</b>	This product is not expected to cause skin sensitization.
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Carcinogenicity</b>	Not available.
<b>Reproductive toxicity</b>	This product is not expected to cause reproductive or developmental effects.
<b>Specific target organ toxicity - single exposure</b>	Not classified.
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not an aspiration hazard.

## 12. Ecological information

<b>12.1 Ecological toxicity</b>	The product is 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.
<b>12.2 Persistence and degradability</b>	No data is available on the degradability of any ingredients in the mixture.
<b>12.3 Bioaccumulative potential</b>	
<b>12.4 Mobility in soil</b>	No data available.
<b>12.5 Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Waste from residues / unused products</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
<b>Contaminated packaging</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport information

### ADR

Not regulated as dangerous goods.

**IATA**

Not regulated as dangerous goods.

**IMDG**

Not regulated as dangerous goods.

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

**15. Regulatory information****Safety, health and environmental regulation/legislation specific for the substance or mixture**

**Hazardous substances in the work place (DLPW Notification Re: List of Hazardous Chemicals, Royal Gazette, Vol. 130 Part 185 Ngor, issued December 20, B.E.2556 (2013))**

Not listed.

**Thailand. Explosive Substances & Precursors (Ministry of Defense Notification Re: Arms Subject to Imports License)**

Not regulated.

**Thailand. Reportable Hazardous Substances (Notification of Ministry of Industry Re: Bases respecting report of quantity of hazardous materials under Department of Industrial Works, B.E. 2547)**

Not regulated.

**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	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)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
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)

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, including date of preparation or last revision**

<b>Issue date</b>	February-06-2014
<b>Revision date</b>	October-03-2024
<b>Version #</b>	04
<b>Disclaimer</b>	Nye Lubricants, Inc. A Member of the FUCHS Group cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.
<b>Revision information</b>	This document has undergone significant changes and should be reviewed in its entirety.