



# SAFETY DATA SHEET

## SECTION 1. Identification of the hazardous chemical substance or mixture and of the supplier or manufacturer

|  |   |  |
|--|---|--|
| <b>Name of the hazardous chemical substance or mixture</b>                                     | NYE NYOGEL 765C   |  |
| <b>Other means of identification</b>   | Product Code NYOGEL 765C  |  |
| <b>Recommended use of the hazardous chemical substance or mixture, and restrictions of use</b> | Recommended use Lubricating Grease<br>Recommended restrictions None known.  |  |
| <b>Suppliers details</b>   | Company name Nye Lubricants, Inc.<br>Address 12 Howland Road<br>Fairhaven, MA 02719<br>United States<br>Telephone General Assistance 508-996-6721<br>Website www.nyelubricants.com<br>E-mail sds@nyelubricants.com<br>Contact person Nye Lubricants EH&S<br>Emergency phone number 3E Online 800-451-8346 |  |

## SECTION 2. Hazard identification

|   |                       |            |
|---|-----------------------|------------|
| <b>Classification of the substance or mixture</b> |                       |            |
| <b>Physical hazards</b>                           | Flammable liquids     | Category 2 |
| <b>Health hazards</b>                             | Reproductive toxicity | Category 2 |
| <b>Environmental hazards</b>                      | Not classified.       |            |

### Elements of labeling, including precautionary statements and warning pictograms



|                         |  |  |
|-------------------------|--|--|
| <b>Signal word</b>      | Danger   |  |
| <b>Hazard statement</b> | H225 Highly flammable liquid and vapor.<br>H361 Suspected of damaging fertility or the unborn child. |  |

|                                |   |  |
|--------------------------------|---|--|
| <b>Precautionary statement</b> |   |  |
| <b>Prevention</b>              | P201 Obtain special instructions before use.<br>P202 Do not handle until all safety precautions have been read and understood.<br>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P233 Keep container tightly closed.<br>P240 Ground and bond container and receiving equipment.<br>P241 Use explosion-proof electrical/ventilating/lighting equipment.<br>P242 Use non-sparking tools.<br>P243 Take action to prevent static discharges.<br>P280 Wear protective gloves/protective clothing/eye protection/face protection. |  |
| <b>Response</b>                | P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.<br>P308 + P313 IF exposed or concerned: Get medical advice/attention.<br>P370 + P378 In case of fire: Use appropriate media to extinguish.  |  |

**Storage**

P403 + P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.

**Disposal**

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Other hazards which do not result in classification** None known.

**Supplemental information** None.

**SECTION 3. Composition/information on ingredients****Mixtures**

| Chemical identity                        | Common name(s), synonym(s) | CAS number and other unique identifiers | Concentration |
|--|----------------------------|---|---------------|
| POLYBUTENE                               |                            | 9003-29-6                               | 20 - < 30     |
| SILICA, AMORPHOUS, FUMED, CRYSTAL-FREE   |                            | 112945-52-5                             | 5 - < 10      |
| ALKYLATED DIPHENYLAMINE                  |                            | Trade Secret                            | < 1           |
| Other components below reportable levels |                            |   | 60 - < 70     |

**SECTION 4. First-aid measures****Description of necessary first-aid measures**

**Inhalation** Move to fresh air. Call a physician if symptoms develop or persist.  
**Skin contact** Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.  
**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.  
**Ingestion** Rinse mouth. Get medical attention if symptoms occur.

**Most important symptoms/effects, acute and delayed**

Direct contact with eyes may cause temporary irritation.

**Indication of immediate medical attention and special treatment needed**

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.

**General information**

Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

**SECTION 5. Fire-fighting measures**

**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.  
**Specific hazards arising from the chemical** Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.  
**Special protective actions for firefighters** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.  
**Fire fighting equipment/instructions** In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.  
**Specific methods** Use standard firefighting procedures and consider the hazards of other involved materials.  
**General fire hazards** Highly flammable liquid and vapor.

## SECTION 6. Measures that must be taken in the event of accidental spillage or an accidental leak

### Personal precautionary measures, protective equipment and emergency procedure

- For non-emergency personnel** Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
- For emergency responders** Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

### Environmental precautions

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

### Methods and materials for containing and cleaning up spills or releases

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools.

**Large Spills:** Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

**Small Spills:** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

## SECTION 7. Handling and storage

### Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

### Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

## SECTION 8. Exposure controls/personal protection

### Control parameters

### Occupational exposure limits

No exposure limits noted for ingredient(s).

### Biological limit values

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

### Control banding approach

Not available.

### Appropriate engineering controls

Explosion-proof general and local exhaust ventilation. Provide eyewash station and safety shower.

### Individual protection measures, such as personal protective equipment (PPE)

#### Eye/face protection

Chemical respirator with organic vapor cartridge and full facepiece.

#### Skin protection

##### Hand protection

Wear appropriate chemical resistant gloves.

##### Other

Wear suitable protective clothing. Use of an impervious apron is recommended.

#### Respiratory protection

Chemical respirator with organic vapor cartridge and full facepiece.

#### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.



### General hygiene considerations

Observe any medical surveillance requirements. When using do not smoke. 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.

## SECTION 9. Physical and chemical properties

### Appearance

|  |                   |
|--|-------------------|
| Physical state                               | Liquid.           |
| Form   | Liquid.           |
| Color  | Light yellow.     |
| Odor   | Not available.    |
| Odor threshold                               | Not available.    |
| pH   | Not available.    |
| Melting point/freezing point                 | Not available.    |
| Initial boiling point and boiling range      | Not available.    |
| Flash point                                  | Not available.    |
| Evaporation rate                             | Not available.    |
| Flammability (solid, gas)                    | Not applicable.   |
| Upper/lower flammability or explosive limits |                   |
| Explosive limit - lower (%)                  | Not available.    |
| Explosive limit - upper (%)                  | Not available.    |
| Vapor pressure                               | Not available.    |
| Vapor density                                | Not available.    |
| Relative density                             | Not available.    |
| Solubility(ies)                              |                   |
| Solubility (water)                           | Not available.    |
| Partition coefficient (n-octanol/water)      | Not available.    |
| Auto-ignition temperature                    | Not available.    |
| Decomposition temperature                    | Not available.    |
| Viscosity                                    | Not available.    |
| Molecular weight                             | Not available.    |
| Other information                            |                   |
| Explosive properties                         | Not explosive.    |
| Oxidizing properties                         | Not oxidizing.    |
| Percent volatile                             | 28.55 % estimated |
| Shelf life                                   | 4 years           |
| VOC  | 28.55 % estimated |

## SECTION 10. Stability and reactivity

|                                    |  |
|------------------------------------|--|
| Reactivity                         | The product is stable and non-reactive under normal conditions of use, storage and transport.    |
| Chemical stability                 | Material is stable under normal conditions.  |
| Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use.                                      |
| Conditions that must be avoided    | Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials. |
| Incompatible materials             | Strong oxidizing agents.   |
| Hazardous decomposition products   | No hazardous decomposition products are known.   |

## SECTION 11. Toxicological information

### Information about likely routes of entry

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

**Symptoms related to the physical, chemical and toxicological characteristics** Direct contact with eyes may cause temporary irritation.

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Numerical measures of toxicity (such as acute toxicity estimates)**

**Acute toxicity** Not known.

| Product | Species | Test Results |
|---------|---------|--------------|
|---------|---------|--------------|

NYE NYOGEL 765C

**Acute**

**Dermal**

|      |        |           |
|------|--------|-----------|
| LD50 | Rabbit | 2606 g/kg |
|------|--------|-----------|

**Oral**

|      |            |            |
|------|------------|------------|
| LD50 | Guinea pig | 305.3 g/kg |
|      | Rabbit     | 409.5 g/kg |
|      | Rat        | 4281 ml/kg |
|      |            | 724.7 g/kg |

**Other**

|      |     |            |
|------|-----|------------|
| LD50 | Rat | 39.71 g/kg |
|------|-----|------------|

| Components | Species | Test Results |
|------------|---------|--------------|
|------------|---------|--------------|

SILICA, AMORPHOUS, FUMED, CRYSTAL-FREE (CAS 112945-52-5)

**Acute**

**Oral**

|      |     |            |
|------|-----|------------|
| LD50 | Rat | 3160 mg/kg |
|------|-----|------------|

**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation** Direct contact with eyes may cause temporary irritation.

**Respiratory or skin sensitization**

**Respiratory sensitization** Not a respiratory sensitizer.

**Skin sensitization** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** Not classifiable as to carcinogenicity to humans.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

|  |   |
|--|---|
| SILICA, AMORPHOUS, FUMED, CRYSTAL-FREE (CAS 112945-52-5) | 3 Not classifiable as to carcinogenicity to humans. |
|--|---|

**Reproductive toxicity** Suspected of damaging fertility or the unborn child.

**Specific target organ toxicity - single exposure** Not classified.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** Not an aspiration hazard.

**Other information** Not available.

## SECTION 12. Ecotoxicological information

**Toxicity** 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.

**Persistence and degradability** No data is available on the degradability of any ingredients in the mixture.

**Bioaccumulative potential** No data available.

**Mobility in soil** No data available.

**Other adverse effects** The product contains volatile organic compounds which have a photochemical ozone creation potential.

## SECTION 13. Disposal considerations

### Disposal methods

|  |  |
|--|--|
| <b>Disposal instructions</b>                 | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.                         |
| <b>Local disposal regulations</b>            | Dispose in accordance with all applicable regulations.   |
| <b>Hazardous waste code</b>                  | The waste code should be assigned in discussion between the user, the producer and the waste disposal company.   |
| <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.       |

## SECTION 14. Transport information

### SCT

Not regulated as dangerous goods.

### DOT

Not regulated as dangerous goods.

### ADR

Not regulated as dangerous goods.

### RID

Not regulated as dangerous goods.

### ADN

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

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

## SECTION 15. Regulatory information

**Safety, health and environmental regulations specific for the hazard chemical substance or mixture in question** This safety data sheet was prepared in accordance with the Official Mexican Standard (NOM-018-STPS-2015).

**Mexico. Substances subject to reporting for the pollutant release and transfer registry (PRTR)**

Not listed.

### International regulations

#### Montreal Protocol

Not applicable.

#### Stockholm Convention

Not applicable.

#### Rotterdam Convention

Not applicable.

#### Kyoto protocol

Not applicable.

#### Basel Convention

Not applicable.

### 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)                       | No                     |

| Country(s) or region        | Inventory name   | On inventory (yes/no)* |
|-----------------------------|--|------------------------|
| Canada                      | Non-Domestic Substances List (NDSL)                                    | Yes                    |
| 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)      | No                     |
| 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).

## SECTION 16. Other included information relevant to the preparation and updating of safety data sheets

**Issue date** February-06-2014  
**Revision date** February-20-2023  
**Version #** 04

### List of abbreviations

ACGIH: American Conference of Governmental Industrial Hygienists.  
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.  
ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road.  
AICIS: Australian Inventory of Industrial Chemicals.  
ANTT: National Agency of Land Transport.  
CAS: Chemical Abstract Service.  
DOT: Department of Transportation.  
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.  
IARC: International Agency for Research on Cancer.  
IATA: International Air Transport Association.  
IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.  
IMDG: International Maritime Dangerous Goods.  
MARPOL: International Convention for the Prevention of Pollution from Ships.  
NFPA: National Fire Protection Association.  
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.  
SCT: Secretariat of Communications and Transportation (NOM-002-SCT/2011).  
STEL: Short term exposure limit.  
TWA: Time Weighted Average.

### References

NMX-R-019-SCFI-2011 - Harmonized system of classification and communication of dangers of chemical products  
NOM-010-STPS-2014 (second revision) – Occupational Exposure Limits – becomes effective on April 28, 2016  
NOM-018-STPS-2015 - Harmonized system for the identification and communication of hazards and risks for hazardous chemicals in the workplace  
NOM-026-STPS-2008 - Colors and signals of safety and hygiene, and risk identification through fluids in pipes  
NOM-028-STPS-2012 – Work-Safety Management System for Processes and Critical Equipment Handling Hazardous Chemical Substances  
NOM-047-SSA1-2011 – Workplace Biological Exposure Indices (BEIs) to Chemical Substances Workplace Threshold Quantities of Hazardous Chemicals

### HMIS® ratings

Health: 0\*  
Flammability: 0  
Physical hazard: 0

### NFPA ratings

Health: 0  
Flammability: 0  
Instability: 0

**Disclaimer**

Nye Lubricants, Inc. 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.

**Revision information**

This document has undergone significant changes and should be reviewed in its entirety.