# SAFETY DATA SHEET

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

**1.1. Product identifier**

| | |
|---|---|
| **Trade name or designation of the mixture** | NYOGEL 975F |
| **Synonyms** | None. |
| **Product code** | NYOGEL 975F |

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

| | |
|---|---|
| **Identified uses** | Lubricating grease |
| **Uses advised against** | None known. |

**1.3. Details of the supplier of the safety data sheet**

| | |
|---|---|
| **Company name** | FUCHS LUBRICANTS GERMANY GmbH |
| **Address** | Friesenheimer Str. 19<br>68169 Mannheim<br>Germany |
| **Telephone** | +49 621 3701-0 |
| **E-mail** | produktsicherheit-FLG@fuchs.com |
| **Emergency telephone number** | +1 760 476 3962 |
| **Access Code** | 334212 |
| **Manufacturer** | Nye Lubricants, Inc. A member of the FUCHS Group<br>www.nyelubricants.com |

## SECTION 2: Hazards identification

**2.1. Classification of the substance or mixture**

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

**Classification according to Regulation (EC) No 1272/2008 as amended**

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

**2.2. Label elements**

**Label according to Regulation (EC) No. 1272/2008 as amended**

| | |
|---|---|
| **Hazard pictograms** | None. |
| **Signal word** | None. |
| **Hazard statements** | The mixture does not meet the criteria for classification. |

**Precautionary statements**

| | |
|---|---|
| **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. |
| **Supplemental label information** | None. |
| **2.3. Other hazards** | This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII. The mixture does not contain any substances included in the list established in accordance with REACH Article 59(1) for having endocrine disrupting properties at a concentration equal to or greater than 0.1% by weight. |

## SECTION 3: Composition/information on ingredients

**3.2. Mixtures**

The components are not hazardous or are below required disclosure limits.

**List of abbreviations and symbols that may be used above**

ATE: Acute toxicity estimate.
M: M-factor
vPvB: very persistent and very bioaccumulative substance.
PBT: persistent, bioaccumulative and toxic substance.
#: This substance has been assigned Union workplace exposure limit(s).
All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume. This material is not considered to be hazardous according to regulatory guidelines (see Section 15). This material is not considered to be hazardous according to regulatory guidelines (see Section 15).

**Composition comments** The full text for all H-statements is displayed in section 16.

## SECTION 4: First aid measures

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

**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 and effects, both acute and delayed** Exposure may cause temporary irritation, redness, or discomfort.

**4.3. Indication of any immediate medical attention and special treatment needed** Treat symptomatically.

## SECTION 5: Firefighting measures

**General fire hazards** No unusual fire or explosion hazards noted.

**5.1. 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. Special hazards arising from the substance or mixture** During fire, gases hazardous to health may be formed.

**5.3. Advice for firefighters**

**Special protective equipment for firefighters** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Special fire fighting procedures** Use water spray to cool unopened containers.

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

## SECTION 6: Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel** Wear appropriate personal protective equipment.

**For emergency responders** 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 material for containment and cleaning up** Stop the flow of material, if this is without risk. Following product recovery, flush area with water.

**6.4. Reference to other sections** For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling** Avoid prolonged exposure. 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)

**7.3. Specific end use(s)** Observe industrial sector guidance on best practices.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Occupational exposure limits**

**Croatia. OELs (GVI). Regulation on Protection of Workers against Exposure to Dangerous Chemicals at Work, OELs and Biological Limit Values, Annex I (NN 91/2018), as amended**

| Components | Type | Value | Form |
|---|---|---|---|
| Silica, amorphous, fumed, crystal-free (CAS 112945-52-5) | MAC | 6 mg/m3 | Total dust. |
| | | 0,1 mg/m3 | Respirable dust. |

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Recommended monitoring procedures** Follow standard monitoring procedures.

**Derived no effect levels (DNELs)** Not available.

**Predicted no effect concentrations (PNECs)** Not available.

### 8.2. Exposure controls

**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.

**Individual protection measures, such as personal protective equipment**

**General information** Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

**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.

**Hygiene measures** 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.

**Environmental exposure controls** Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable levels.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**Physical state** Solid.

**Form** Solid. Semi-solid

**Colour** Not available.

**Odour** Not available.

**Melting point/freezing point** Not available.

**Boiling point or initial boiling point and boiling range** Not available.

**Flammability** Not available.

**Upper/lower flammability or explosive limits**

**Explosive limit - lower ( %)** Not available.

**Explosive limit – upper (%)** Not available.

| | |
|---|---|
| **Flash point** | Not available. |
| **Auto-ignition temperature** | Not available. |
| **Decomposition temperature** | Not available. |
| **pH** | Not available. |
| **Kinematic viscosity** | Not available. |
| **Solubility** | |
| **Solubility (water)** | Not available. |
| **Vapour pressure** | Not available. |
| **Density and/or relative density** | Not available. |
| **Vapour density** | Not available. |
| **Particle characteristics** | Not available. |

**9.2. Other information**

| | |
|---|---|
| **9.2.1. Information with regard to physical hazard classes** | No relevant additional information available. |

**9.2.2. Other safety characteristics**

| | |
|---|---|
| **Shelf life** | 4 years |

## SECTION 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. |
| **10.5. Incompatible materials** | Strong oxidising agents. |
| **10.6. Hazardous decomposition products** | No hazardous decomposition products are known. |

## SECTION 11: Toxicological information

| | |
|---|---|
| **General information** | Occupational exposure to the substance or mixture may cause adverse effects. |

**Information on likely routes of exposure**

| | |
|---|---|
| **Inhalation** | Prolonged inhalation may be harmful. |
| **Skin contact** | No adverse effects due to skin contact are expected. |
| **Eye contact** | Direct contact with eyes may cause temporary irritation. |
| **Ingestion** | May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure. |
| **Symptoms** | Exposure may cause temporary irritation, redness, or discomfort. |

**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

| | |
|---|---|
| **Acute toxicity** | No data available. |
| **Skin corrosion/irritation** | Due to partial or complete lack of data the classification is not possible. |
| **Serious eye damage/eye irritation** | Due to partial or complete lack of data the classification is not possible. |
| **Respiratory sensitisation** | Due to partial or complete lack of data the classification is not possible. |
| **Skin sensitisation** | Due to partial or complete lack of data the classification is not possible. |
| **Germ cell mutagenicity** | Due to partial or complete lack of data the classification is not possible. |
| **Carcinogenicity** | Due to partial or complete lack of data the classification is not possible. |
| **Reproductive toxicity** | Due to partial or complete lack of data the classification is not possible. |
| **Specific target organ toxicity - single exposure** | Due to partial or complete lack of data the classification is not possible. |
| **Specific target organ toxicity - repeated exposure** | Due to partial or complete lack of data the classification is not possible. |
| **Aspiration hazard** | Due to partial or complete lack of data the classification is not possible. |
| **Mixture versus substance information** | No information available. |

**11.2. Information on other hazards**

| | |
|---|---|
| **Endocrine disrupting properties** | This mixture does not contain any substances having endocrine disrupting properties with respect to human health as assessed in accordance with the criteria set out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605, at a concentration equal to or greater than 0.1% by weight. |
| **Other information** | Not available. |

## SECTION 12: Ecological information

| | |
|---|---|
| **12.1. Toxicity** | Based on available data, the classification criteria are not met for hazardous to the aquatic environment. |
| **12.2. Persistence and degradability** | No data is available on the degradability of any ingredients in the mixture. |
| **12.3. Bioaccumulative potential** | |
| **Partition coefficient n-octanol/water (log Kow)** | Not available. |
| **Bioconcentration factor (BCF)** | Not available. |
| **12.4. Mobility in soil** | No data available. |
| **12.5. Results of PBT and vPvB assessment** | This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII. |
| **12.6. Endocrine disrupting properties** | This mixture does not contain any substances having endocrine disrupting properties with respect to the environment as assessed in accordance with the criteria set out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605, at a concentration equal to or greater than 0.1% by weight. |
| **12.7. Other adverse effects** | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component. |

## SECTION 13: Disposal considerations

**13.1. Waste treatment methods**

| | |
|---|---|
| **Residual waste** | 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). |
| **Contaminated packaging** | 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. |
| **EU waste code** | The Waste code should be assigned in discussion between the user, the producer and the waste disposal company. |
| **Disposal methods/information** | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. |
| **Special precautions** | Dispose in accordance with all applicable regulations. |

## SECTION 14: Transport information

**ADR**

| | |
|---|---|
| **14.1. UN number** | Not regulated as dangerous goods. |
| **14.2. UN proper shipping name** | Not regulated as dangerous goods. |
| **14.3. Transport hazard class(es)** | |
| **Class** | Not assigned. |
| **Subsidiary hazard** | - |
| **Hazard No. (ADR)** | Not assigned. |
| **Tunnel restriction code** | Not assigned. |
| **14.4. Packing group** | - |
| **14.5. Environmental hazards** | No. |
| **14.6. Special precautions for user** | Not assigned. |

**RID**

| | |
|---|---|
| **14.1. UN number** | Not regulated as dangerous goods. |
| **14.2. UN proper shipping name** | Not regulated as dangerous goods. |
| **14.3. Transport hazard class(es)** | |
| **Class** | Not assigned. |
| **Subsidiary hazard** | - |
| **14.4. Packing group** | - |
| **14.5. Environmental hazards** | No. |
| **14.6. Special precautions for user** | Not assigned. |

**ADN**

| | |
|---|---|
| **14.1. UN number** | Not regulated as dangerous goods. |
| **14.2. UN proper shipping name** | Not regulated as dangerous goods. |
| **14.3. Transport hazard class(es)** | |
| **Class** | Not assigned. |
| **Subsidiary hazard** | - |
| **14.4. Packing group** | - |
| **14.5. Environmental hazards** | No. |
| **14.6. Special precautions for user** | Not assigned. |

**IATA**

| | |
|---|---|
| **14.1. UN number** | Not regulated as dangerous goods. |
| **14.2. UN proper shipping name** | Not regulated as dangerous goods. |
| **14.3. Transport hazard class(es)** | |
| **Class** | Not assigned. |
| **Subsidiary hazard** | - |
| **14.4. Packing group** | - |
| **14.5. Environmental hazards** | No. |
| **14.6. Special precautions for user** | Not assigned. |

**IMDG**

| | |
|---|---|
| **14.1. UN number** | Not regulated as dangerous goods. |
| **14.2. UN proper shipping name** | Not regulated as dangerous goods. |
| **14.3. Transport hazard class(es)** | |
| **Class** | Not assigned. |
| **Subsidiary hazard** | - |
| **14.4. Packing group** | - |
| **14.5. Environmental hazards** | |
| **Marine pollutant** | No. |
| **EmS** | Not assigned. |
| **14.6. Special precautions for user** | Not assigned. |

**14.7. Maritime transport in bulk according to IMO instruments** Not applicable.

## SECTION 15: Regulatory information

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**EU regulations**

**Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended**

Not listed.

**Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended**

Not listed.

**Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended**

Not listed.

**Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA**

Not listed.

**Authorisations**

**Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended**

Not listed.

**Restrictions on use**

**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use, as amended - Conditions of restriction given for the associated entry number should be considered**

Not listed.

**Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.**

Not listed.

**Regulation 2019/1148 on Marketing and Use of Explosive Precursors, Annex I, as amended**

Not listed.

**Regulation 2019/1148 on Marketing and Use of Explosive Precursors, Annex II, as amended**

Not listed.

| | |
|---|---|
| **Other regulations** | The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended. |
| **National regulations** | Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended. |
| **15.2. Chemical safety assessment** | No Chemical Safety Assessment has been carried out. |

## SECTION 16: Other information

**List of abbreviations**

ADN: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways.
ADR: Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS: Chemical Abstract Service.
CEN: European Committee for Standardization.
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.
MAC: Maximum Allowed Concentration.
MARPOL: International Convention for the Prevention of Pollution from Ships.
PBT: Persistent, bioaccumulative and toxic.
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.
STEL: Short term exposure limit.
vPvB: Very persistent and very bioaccumulative.

| | |
|---|---|
| **References** | Not available. |
| **Information on evaluation method leading to the classification of mixture** | The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available. |
| **Full text of any statements, which are not written out in full under sections 2 to 15** | None. |
| **Revision information** | This document has undergone significant changes and should be reviewed in its entirety. |
| **Training information** | Follow training instructions when handling this material. |
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