

# SAFETY DATA SHEET



Product name: NYOGEL 774F-1

Revision number: 03  
Date of SDS: December-10-2018  
Date of revision: November-13-2025

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## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1. Substance/Mixture identifier

Trade name or designation of the mixture NYOGEL 774F-1

### Other means of identification

Product Code NYOGEL 774F-1

### 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 Opet Fuchs Madeni Yağ San. Tic. A.Ş.

Address Atatürk Mahallesi İnönü Bulvarı No:52/19  
35800 Aliağa / İZMİR  
Turkiye

Telephone +90 (232) 376 78 38

Emergency telephone number +1 760 476 3971

Access code 334212

Manufacturer Nye Lubricants, Inc. A member of the FUCHS Group

Website www.nyelubricants.com

## 2. Hazards identification

### 2.1. Classification of the substance or mixture

Physical hazards Not classified.

Health hazards Not classified.

Environmental hazards Not classified.

### 2.2. Label elements

Labeling in accordance with Regulation 28848 regarding the Classification, Packaging and Labeling of Substances and Preparations 11/12/2013

Contains: POLYTETRAFLUOROETHYLENE

Hazard pictograms None.

Signal word None.

Hazard statements The mixture does not meet the criteria for classification.

### Precautionary statements

Prevention Not available.

Response Not available.

Storage Not available.

Disposal Not available.

Supplemental information None.

2.3. Other hazards None known.

## 3. Composition/information on ingredients

### 3.2. Mixtures

#### General information

Chemical name	%	CAS-No. / EC No.	Notes
1-DECENE, HOMOPOLYMER, HYDROGENATED	30 - < 40	68037-01-4 500-183-1	

Classification: Asp. Tox. 1;H304

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Chemical name	%	CAS-No. / EC No.	Notes
1-DODECENE POLYMER WITH 1-DECENE, HYDROGENATED	30 - < 40	151006-60-9 436-190-0	
<b>Classification:</b> Asp. Tox. 1;H304			
POLYTETRAFLUOROETHYLENE	10 - < 20	9002-84-0	
<b>Classification:</b> -			
PHENOL, ISOBUTYLENATED, PHOSPHATE (3:1)	1 - < 3	68937-40-6 273-065-8	
<b>Classification:</b> Aquatic Acute 1;H400(M=1), Aquatic Chronic 2;H411			
BENZENAMINE, N-PHENYL-, REACTION PRODUCTS WITH 2,4,4-TRIMETHYLPENTENE	< 1	68411-46-1 270-128-1	
<b>Classification:</b> Repr. 2;H361, Aquatic Chronic 3;H412			

## 4. First aid measures

### 4.1. Description of first aid measures

Inhalation	Not available.
Skin contact	Not available.
Eye contact	Not available.
Ingestion	Not available.

4.2. Most important symptoms and effects, both acute and delayed Not available.

4.3. Indication of any immediate medical attention and special treatment needed Not available.

General information Not available.

## 5. Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	Not available.
Unsuitable extinguishing media	Not available.

5.2. Special hazards arising from the substance or mixture Not available.

### 5.3. Advice for firefighters

Special protective equipment for firefighters	Not available.
Special fire fighting procedures	Not available.

General fire hazards Not available.

## 6. Accidental release measures

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

For non-emergency personnel	Not available.
For emergency responders	Not available.

6.2. Environmental precautions Not available.

6.3. Methods and materials for containment and cleaning up Not available.

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**6.4. Reference to other sections** Not available.

## 7. Handling and storage

**7.1. Precautions for safe handling** Not available.

**7.2. Conditions for safe storage, including any incompatibilities** Storage class (TRGS 510): 11 (Combustible solids that cannot be assigned to any of the above storage classes)

**7.3. Specific end use(s)** Not available.

## 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).

**Recommended monitoring procedures** Not available.

### 8.2. Exposure controls

**Appropriate engineering controls** Not available.

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

**General information** Not available.

**Eye/face protection** Not available.

#### Skin protection

- Hand protection Not available.

- Other Not available.

**Respiratory protection** Not available.

**Thermal hazards** Not available.

**Hygiene measures** Not available.

**Environmental exposure controls** Not available.

## 9. Physical and chemical properties

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

**Appearance** Smooth

**Physical state** Solid.

**Form** Semi-solid

**Color** Off-white.

**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 available.

### Upper/lower flammability or explosive limits

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

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

**Vapor pressure** Not available.

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**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.

**Explosive properties** Not available.

**Oxidizing properties** Not available.

**9.2. Other information**

**Density** 0,90 g/cm<sup>3</sup>

**Dropping point** 437 °F (225 °C)

**Shelf life** 4 years

## 10. Stability and reactivity

**10.1. Reactivity** Not available.

**10.2. Chemical stability** Not available.

**10.3. Possibility of hazardous reactions** Not available.

**10.4. Conditions to avoid** Not available.

**10.5. Incompatible materials** Not available.

**10.6. Hazardous decomposition products** Not available.

## 11. Toxicological information

**General information** Not available.

**Information on likely routes of exposure**

**Inhalation** Not available.

**Skin contact** Not available.

**Eye contact** Not available.

**Ingestion** Not available.

**Symptoms** Not available.

**11.1. Information on toxicological effects**

**Acute toxicity** No data available.

**Skin corrosion/irritation** Not available.

**Serious eye damage/eye irritation** Not available.

**Respiratory or skin sensitization**

**Respiratory sensitization** Not available.

**Skin sensitization** Not available.

**Germ cell mutagenicity** Not available.

**Carcinogenicity**

**IARC Monographs. Overall Evaluation of Carcinogenicity**

POLYTETRAFLUOROETHYLENE (CAS 9002-84-0) 3 Not classifiable as to carcinogenicity to humans.

**Reproductive toxicity** Not available.

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

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

**Aspiration hazard** Not available.

**Mixture versus substance information** Not available.

**Other information** Not available.

## 12. Ecological information

**12.1. Toxicity** No toxicity data noted for the ingredient(s).

**12.2. Persistence and degradability** Not available.

**12.3. Bioaccumulative potential** Not available.

**Bioconcentration factor (BCF)** Not available.

**12.4. Mobility in soil** Not available.

**12.5. Results of PBT and vPvB assessment** Not a PBT or vPvB substance or mixture.

**12.6. Other adverse effects** Not available.

## 13. Disposal information

**13.1. Waste treatment methods**

**Residual waste** Not available.

**Contaminated packaging** Not available.

## 14. Transport information

**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.

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

## 15. Regulatory information

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

**Prohibited Chemicals at Work. Regulation on Protection of Health and Safety Measures from Risks related to Chemical Agents at Work, Annex III**

Not listed.

**Substances Subject to Art. 9 Waste Management Provisions - Annex 4, Regulation on Persistent Organic Pollutants (POPs), R.G. No. 30595**

Not listed.

**Substances Subject to Emission Reduction Provisions - Annex 3, Regulation on Persistent Organic Pollutants (POPs), R.G. No. 30595**

Not listed.

**International regulations**

**Stockholm Convention**

Not applicable.

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## Rotterdam Convention

Not applicable.

## Montreal Protocol

Not applicable.

## Kyoto protocol

Not applicable.

## Basel Convention

Not applicable.

## 16. Other information

List of abbreviations	Not available.
References	Not available.
Information on evaluation method leading to the classification of mixture	Not available.
Full text of any statements, which are not written out in full under sections 2 to 15	H304 May be fatal if swallowed and enters airways. H361 Suspected of damaging fertility or the unborn child. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.
Revision information	None.
Training information	Not available.
Compiler of the Safety Data Sheet	Not available.
Competency certificate number	Not available.
Competency certificate date	Not available.