

SAFETY DATA SHEET



Product name: NYOGEL 774F-MS

Revision number: 02
Date of SDS: May-20-2019
Date of revision: October-16-2025

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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-MS

Other means of identification

Product Code NYOGEL 774F-MS

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	20 - < 30	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	20 - < 30	151006-60-9 436-190-0	
Classification: Asp. Tox. 1;H304			
POLYTETRAFLUOROETHYLENE	3 - < 5	9002-84-0	
Classification: -			
BENZENAMINE, N-PHENYL-, REACTION PRODUCTS WITH 2,4,4-TRIMETHYLPENTENE	< 1	68411-46-1 270-128-1	
Classification: 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.

6.4. Reference to other sections Not available.

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7. Handling and storage

- 7.1. Precautions for safe handling Not available.
- 7.2. Conditions for safe storage, including any incompatibilities Not available.
- 7.3. Specific end use(s) Not available.

8. Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

US. ACGIH Threshold Limit Values (TLV)

Components	Type	Value	Form
MOLYBDENUM DISULFIDE (CAS 1317-33-5)	TWA	3 mg/m ³	Respirable fraction.
		10 mg/m ³	Inhalable fraction.

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 Dark grey. Black.
- 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.

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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.

Explosive properties Not available.

Oxidizing properties Not available.

9.2. Other information

Density 0,93 g/cm³

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.

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Reproductive toxicity	Not available.
Specific target organ toxicity - single exposure	Not available.
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.
Partition coefficient n-octanol/water (log Kow)	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.

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**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.

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.
H412 Harmful to aquatic life with long lasting effects.

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

Training information Not available.

Compiler of the Safety Data Sheet Not available.

Competency certificate number Not available.

Competency certificate date Not available.