

SAFETY DATA SHEET

Premalube NLGI 2
According to EC Regulation 1907/2006/EC - revision 2015/830

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Revision No. 1.3
Revision Date 31/01/2020

SECTION 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1. Product identifier

Product name Premalube NLGI 2
Product Code 2481G

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

Recommended use

Lubricant.

1.3. Details of the supplier of the safety data sheet

NCH Distribution s.r.o.
Sířejovická 1213
410 02 Lovosice
Czech Republic
Tel.: +420 416 429 111

E-mail address chemcz@nch.com
Website address www.flexfill.cz

1.4. Emergency telephone number

Toxikologické informační středisko (TIS), Na Bojišti 1, 128 08 Praha 2, Czech Republic
Tel: +420 224 919 293 or +420 224 915 402 (24 Hours, consultation in Czech language only)

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP/GHS) and its adaptations

This mixture is not classified according to EU Regulation No 1272/2008

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP/GHS)

Keep out of reach of children.

For industrial and institutional use only.

2.3. Other hazards

No additional hazards identified.

The components in this formulation do not meet the criteria for classification as PBT or vPvB. As defined under the regulation EC 1907/2006.

SECTION 3. COMPOSITION / INFORMATION OF INGREDIENTS

Chemical Name	CAS-No.	EC No.	EU - REACH reg number	Weight-%	EU - GHS/CLP Classification	Notes
DISTILLATES (PETROLEUM) SOLVENT-DEWAXED HEAVY PARAFFINIC	64742-65-0	265-169-7	01-2119471299-27	25 - < 50	-	L
Lubricating oils (petroleum), C>25, solvent-extd., deasphalted, dewaxed, hydrogenated	101316-69-2	309-874-0	01-2119486948-13	25 - < 50	-	L
DISTILLATES (PETROLEUM) HYDROTREATED HEAVY NAPHTHENIC	64742-52-5	265-155-0	01-2119467170-45	10 - < 20	-	L
Lubricating oils (petroleum), C24-50, solvent-extd., dewaxed, hydrogenated	101316-72-7	309-877-7	01-2119489969-06	5 - < 10	-	L
MOLYBDENUM DISULPHIDE	1317-33-5	215-263-9	-	< 1	-	
2-(2-HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL) ETHANOL	95-38-5	202-414-9	01-2119777867-13	< 0.3	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	

For any H statements mentioned in this section, see the full text in section 16. This mixture contains substances with a Community workplace exposure limit.

EU Notes

Note L - The classification as a carcinogen does not apply as the substance contains less than 3% DMSO extract (IP 346)

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measuresGeneral advice

Get medical attention immediately if symptoms occur.

Eye Contact

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.

Skin Contact

Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Get medical attention if irritation develops and persists.

Ingestion

If swallowed, seek medical advice immediately and show this container or label. Rinse mouth with water.

4.2. Most important symptoms and effects, both acute and delayedSensitisation

No information available.

Eye contact

May cause irritation as itching and redness.

Skin contact

Unlikely to be irritant on brief or occasional exposure.

4.3. Indication of any immediate medical attention and special treatment neededNotes to physician

Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES**5.1. Extinguishing media**Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use: Dry powder. Alcohol-resistant foam. Carbon dioxide (CO₂). Water spray.

Extinguishing media which must not be used for safety reasons

Water jet.

5.2. Special hazards arising from the substance or mixture

When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and/or nitrogen oxide.

Material can create slippery conditions.

5.3. Advice for firefighters

Firefighters should wear a self-contained breathing apparatus and full protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin, eyes, and clothing. Use personal protective equipment. Refer to protective measures listed in sections 7 and 8. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Insoluble in water and hence will float on the surface.

6.3. Methods and material for containment and cleaning upMethods for Containment

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). If using a cloth to wipe up a small spillage, properly dispose of the used cloth to avoid a fire risk.

Methods for Cleaning up

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

Refer to sections 7, 8 and 13.

SECTION 7. HANDLING AND STORAGE**7.1. Precautions for safe handling**

Avoid contact with skin, eyes and clothing. Avoid breathing vapours or mists. Do not eat, drink or smoke when using this product. Ensure adequate ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

No information available.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters**Exposure limits

If vapours, fumes or mists are generated, their concentration in the workplace area should be kept to the lowest reasonable level. For substances.

Chemical Name	European Union	Czech	Slovakia	Poland	Hungary
DISTILLATES (PETROLEUM) SOLVENT-DEWAXED HEAVY PARAFFINIC		PEL: 5mg/m ³ NPK-P: 10mg/m ³	hranicny 3mg/m ³ 5ppm NPEL 1mg/m ³ NPEL 5mg/m ³ NPEL	NDS: 5 mg/m ³	
DISTILLATES (PETROLEUM) HYDROTREATED HEAVY NAPHTHENIC		PEL: 5mg/m ³ NPK-P: 10mg/m ³	hranicny 3mg/m ³ 5ppm NPEL 1mg/m ³ NPEL 5mg/m ³ NPEL	NDS: 5 mg/m ³	
MOLYBDENUM DISULPHIDE		PEL: 5mg/m ³ NPK-P: 25mg/m ³	10mg/m ³ NPEL	NDS: 4 mg/m ³	CK-érték: 60 mg/m ³ ÁK-érték: 15 mg/m ³

8.2. Exposure controlsEngineering Measures

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Use personal protection equipment as per Directive 89/686/EEC.

Respiratory Protection

If excessive mist formation is likely wear suitable respiratory protection. Conforming to EN 143 eg P2 / P3 Particle filters.

Hand Protection

Wear suitable protective gloves conforming to EN 374. Type of gloves suggested :. Neoprene gloves (0.4 mm). Nitrile rubber (0.4 mm). Solvent-resistant gloves (butyl-rubber). For break through times, refer to glove manufacturers recommendations.

Eye Protection

Safety glasses if the method of use presents the likelihood of eye contact. Approved to EN 166.

General hygiene considerations

Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practise. Wash hands before before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**

Information below relates to typical values and does not constitute a specification.

Appearance	Black	Specific Gravity	No information available.
Physical State	Viscous liquid	Solubility	Insoluble in water
Odour	Characteristic	Autoignition Temperature	No information available.
pH	Not applicable.	Viscosity	No information available
Melting Point/Range	Not applicable.	Explosive properties	No information available
Flash Point	= 220 °C	Oxidizing Properties	No information available.
Evaporation Rate	No information available.	VOC Content (%)	0
Flammability Limits in Air %	No information available.	Dropping Point	> 225°C
Vapour pressure	No information available.		
Vapor Density	No information available.		

9.2. Other information

No other information available

SECTION 10. STABILITY AND REACTIVITY**10.1. Reactivity**

Not considered as highly reactive. See further information below.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

The mixture itself will not dangerously react or polymerise to create hazardous conditions in normal use.

10.4. Conditions to avoid

Heat, flames, and sparks.

10.5. Incompatible materials

Strong oxidising agents.

10.6. Hazardous decomposition products

None under normal storage conditions and use.

When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and/or nitrogen oxide.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Product Information

The product itself has not been tested.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
DISTILLATES (PETROLEUM) SOLVENT-DEWAXED HEAVY PARAFFINIC	> 15000 mg/kg (Rat) > 24 g/kg (Rat)	> 5000 mg/kg (Rabbit)	> 2400 mg/m ³ (Rat) 4 h = 2062 ppm (Rat) 4 h
DISTILLATES (PETROLEUM) HYDROTREATED HEAVY NAPHTHENIC	> 5000 mg/kg (Rat) > 24 g/kg (Rat)	> 2000 mg/kg (Rabbit)	= 2062 ppm (Rat) 4 h
Lubricating oils (petroleum), C24-50, solvent-extd., dewaxed, hydrogenated	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 2.18 mg/L (Rat) 4 h
MOLYBDENUM DISULPHIDE			> 2820 mg/m ³ (Rat) 4 h

Sensitisation

No information available.

Skin contact

Unlikely to be irritant on brief or occasional exposure.

Eye contact

May cause irritation as itching and redness.

Carcinogenicity

There are no known carcinogenic substances in this product.

Mutagenic Effects

There are no known mutagenic substances in this product.

Reproductive Effects

There are no known substances in this product with effects on reproduction.

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity

Product Information

The product itself has not been tested.

Chemical Name	Toxicity to Fish	Water Flea	Toxicity to Algae
DISTILLATES (PETROLEUM) SOLVENT-DEWAXED HEAVY PARAFFINIC	LC50 > 5000 mg/L Oncorhynchus mykiss 96 h	1000: 48 h Daphnia magna mg/L EC50	
DISTILLATES (PETROLEUM) HYDROTREATED HEAVY NAPHTHENIC	LC50 > 5000 mg/L Oncorhynchus mykiss 96 h	EC50 > 1000 mg/L 48 h	
Lubricating oils (petroleum), C24-50, solvent-extd., dewaxed, hydrogenated	LC50 > 5000 mg/L Oncorhynchus mykiss 96 h	1000: 48 h Daphnia magna mg/L EC50	

12.2. Persistence and degradability

Not readily biodegradable.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

The product is insoluble and floats on water.

12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB. As defined under the regulation EC 1907/2006.

12.6. Other adverse effects

No data available.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from Residues / Unused Products

Dispose of in accordance with local regulations.

Contaminated Packaging

Empty containers should be taken for local recycling, recovery or waste disposal. Empty remaining contents. Recycle according to official regulations.

EWC waste disposal No

The following EWC/ AVV waste codes may be applicable: 13 02 05* Mineral-based non-chlorinated engine, gear and lubricating oils.

Other Information

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

SECTION 14. TRANSPORT INFORMATION**14.1, 14.2, 14.3, 14.4.**

Not classified for transport as dangerous goods

14.5. Environmental hazards

The mixture is not environmentally hazardous for transport

14.6. Special precautions for user

No special precautions.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Packaged product, not typically transported in IBC's.

Additional information

The above information is based on latest transport regulations i.e. ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport.

SECTION 15. REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

This mixture was classified in compliance with EC Regulation 1272/2008 (CLP) and its adaptations.

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WGK Classification

Obviously hazardous to water (WGK 2), Classification according AwSV-Verordnung

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for this mixture by the supplier

SECTION 16. OTHER INFORMATION**Text of H statements mentioned in Section 3**

H400 - Very toxic to aquatic life. H410 - Very toxic to aquatic life with long lasting effects.

Prepared By Pilar Ortiz

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Revision Date 31/01/2020

Revision summary

Initial release

Abbreviations

REACH: Registration Evaluation Authorisation Restriction of Chemicals

EU: European Union

EC: European community

EEC: European Economic Community

UN: United Nations

CAS: Chemical Abstracts Service

PBT: Persistent Bioaccumulative Toxic

vPvB: very Persistent very Bioaccumulative

LC50: Lethal concentration, 50 percent

LD50 : Lethal dose, 50 percent

EC50: Effective concentration, 50 percent

LogPow: LogP octanol/water

VwVwS: Verwaltungsvorschrift wassergefährdende Stoffe (Administrative order relating to substances hazardous to water - Germany)

WGK: Wassergefährdungsklasse (Water Hazard Class - Germany).

AVV: Abfallverzeichnis-Verordnung (Waste Code - Germany)

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route (European agreement governing the international carriage of dangerous goods by road)

IMDG: International Maritime Dangerous Goods

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations concerning the International carriage of Dangerous goods by rail)

EmS: Emergency Response Procedures for Ships Carrying Dangerous Goods

ERG: Emergency Response Guidebook

IUCLID / RTECS International Uniform Chemical Information Database / Registry of Toxic Effects of Chemical Substances

GHS: Globally Harmonised System of classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

VOC: Volatile Organic Chemical

w/w: weight for weight

DMSO: Dimethyl sulphoxide

OECD: Organization for Economic Cooperation and Development

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

Further Information

Component test results displayed in sections 11 and 12 are typically supplied by Chemadvisor and assembled from publicly available literature literature sources e.g. IUCLID / RTECS

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet