

SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006, Article 31

MANNOL 8106 Hypoid 80W-90 GL-4/GL-5 LS.

ARTICLE NUMBER

MN8106

REVISION

30.07.2025

VERSION NUMBER

1

PRINTING DATE

30.07.2025

1

Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name MANNOL 8106 Hypoid 80W-90 GL-4/GL-5 LS

Article number MN8106

UFI

PXEQ-60HP-W000-H115

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

No further relevant information available.

Application of the substance / the mixture Lubricant

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier

UAB "SCT Lubricants"
Silutes Pl. 119
LIT-95112 KLAIPEDA
LITHUANIA
renata@sct.lt

Further information obtainable from Product safety department.

EMERGENCY TELEPHONE NUMBER

Members of the public seeking specific information on poisons should contact:
In England and Wales: NHS 111 - dial 111
In Scotland: NHS 24 - dial 111

2

Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified, according to the CLP regulation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008	Void
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Hazard pictograms	Void
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Signal word	Void
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Hazard statements	Void
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Precautionary statements

P102 Keep out of reach of children.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P391 Collect spillage.

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

2.3 Other hazards

Results of PBT and vPvB assessment

PBT	Not applicable.
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vPvB	Not applicable.
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Composition/information on ingredients

3.2 Mixtures

Description	Mixture of substances listed below with nonhazardous additions.
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Dangerous components

CAS: 64742-54-7

EINECS: 265-157-1

Reg.nr.: 01-2119484627-25

Distillates (petroleum), hydrotreated heavy paraffinic.

Asp. Tox. 1, H304

<95.0%

EC number: 931-553-4 POLYALKYL METHACRYLATE

Eye Irrit. 2, H319

<4.0%

Not dangerous substances

CAS: 68411-46-1
 EINECS: 270-128-1
 Reg.nr.: 01-2119491299-23
 Benzenamine, N-Phenyl-, reaction products with 2,4,4-
 TRI-Methylpentene
 Aquatic Chronic 3, H412
 0.1–0.4%
 CAS: 149-30-4
 EINECS: 205-736-8
 Reg.nr.: 01-2119485805-26
 benzothiazole-2-thiol
 Acute Tox. 3, H301; Aquatic Acute 1, H400; Aquatic
 Chronic 1, H410; Skin Sens. 1, H317
 0.01–0.04%

Additional information

For the wording of the listed hazard phrases refer to section 16.

4 First aid measures

4.1 Description of first aid measures

General information	No special measures required.
After inhalation	Supply fresh air; consult doctor in case of complaints.
After skin contact	Generally the product does not irritate the skin.
After eye contact	Rinse opened eye for several minutes under running water.
After swallowing	If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents

CO₂. Do not use water.
 Use fire extinguishing methods suitable to surrounding conditions.
 Foam
 Fire-extinguishing powder
 Sand

For safety reasons unsuitable extinguishing agents Water

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

Protective equipment No special measures required.

Additional information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Particular danger of slipping on leaked/spilled product.

Wear protective clothing.

6.2 Environmental precautions

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

7.1 Precautions for safe handling No special measures required.

Information about fire - and explosion protection No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles No special requirements.

Information about storage in one common storage facility Not required.

Further information about storage conditions None.

7.3 Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information The lists valid during the making were used as basis.

8.2 Exposure controls

Appropriate engineering controls No further data; see section 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection Not required.

Hand protection

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye/face protection Goggles recommended during refilling

9

Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state	Liquid
Colour	Yellow-brown
Odour	Specific type
Odour threshold	Not determined.
Melting point/freezing point	-32 °C
Boiling point or initial boiling point and boiling range	>350 °C
Flammability	Not applicable.

Lower and upper explosion limit

Lower	Not determined.
Upper	Not determined.
Flash point	>216 °C
Decomposition temperature	Not determined.
pH	Not determined.

Viscosity

Kinematic viscosity at 40 °C	>170 mm ² /s
Dynamic	Not determined.

Solubility

water	Not miscible or difficult to mix.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure at 40 °C	>1 hPa

Density and/or relative density

Density at 20 °C	0.886 g/cm ³
Relative density	Not determined.
Vapour density	Not determined.

9.2 Other information

Appearance

Form	Liquid
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Important information on protection of health and environment, and on safety.

Ignition temperature	Product is not selfigniting.
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Explosive properties	Product does not present an explosion hazard.
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Solvent content

VOC (EC)	0.00 %
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Change in condition

Evaporation rate	Not determined.
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Information with regard to physical hazard classes

Explosives	Void
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Flammable gases	Void
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Aerosols	Void
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Oxidising gases	Void
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Gases under pressure	Void
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Flammable liquids	Void
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Flammable solids	Void
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Self-reactive substances and mixtures	Void
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Pyrophoric liquids	Void
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Pyrophoric solids	Void
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Self-heating substances and mixtures	Void
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Substances and mixtures, which emit flammable gases in contact with water	Void
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Oxidising liquids	Void
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Oxidising solids	Void
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Organic peroxides	Void
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Corrosive to metals	Void
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Desensitised explosives	Void
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10 Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials No further relevant information available.

10.6 Hazardous decomposition products

Carbon monoxide

Aldehyde

Poisonous gases/vapours

Carbon dioxide

11 Toxicological information

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

Acute toxicity Based on available data, the classification criteria are not met.

Primary irritant effect

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

11.2 Information on other hazards

Endocrine disrupting properties

None of the ingredients is listed.

12 Ecological information

12.1 Toxicity

Aquatic toxicity No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT Not applicable.

vPvB Not applicable.

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects

Additional ecological information

General notes

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.

13 Disposal considerations

13.1 Waste treatment methods

Recommendation Smaller quantities can be disposed of with household waste.

Uncleaned packaging

Recommendation Disposal must be made according to official regulations.

14 Transport information

14.1 UN number or ID number

ADR, ADN, IMDG, IATA not regulated

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA not regulated

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class	not regulated
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14.4 Packing group

ADR, IMDG, IATA	not regulated
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14.5 Environmental hazards	Not applicable.
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14.6 Special precautions for user	Not applicable.
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14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
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UN "Model Regulation"	not regulated
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15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Directive 2012/18/EU

Named dangerous substances - ANNEX I	None of the ingredients is listed.
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DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II

None of the ingredients is listed.

REGULATION (EU) 2019/1148
Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

15.2 Chemical safety assessment	A Chemical Safety Assessment has not been carried out.
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16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. This Safety Data Sheets is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

RELEVANT PHRASES

H301 Toxic if swallowed.
 H304 May be fatal if swallowed and enters airways.
 H317 May cause an allergic skin reaction.
 H319 Causes serious eye irritation.
 H400 Very toxic to aquatic life.
 H410 Very toxic to aquatic life with long lasting effects.
 H412 Harmful to aquatic life with long lasting effects.

Department issuing SDS Product safety department.

Contact Mrs. Zubaite

Date of previous version 29.07.2025

Abbreviations and acronyms

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 VOC: Volatile Organic Compounds (USA, EU)
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative
 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
 Asp. Tox. 1: Aspiration hazard – Category 1

*** Data compared to the previous version altered.**