



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

1.1 Product identifier:

Trade name: AUTOL Grand Prix LL Plus

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

Sector of use: SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen).
SU21 Consumer uses: Private households/general public/consumers
SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

Product category: PC24 Lubricants, greases, release products

Process category: PROC1 Use in closed process, no likelihood of exposure
PROC2 Use in closed, continuous process with occasional controlled exposure
PROC8a Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities
PROC8b Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities
PROC20 Heat and pressure transfer fluids in dispersive, professional use but closed systems
PROC9 Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

Environmental release category: ERC9a Wide dispersive indoor use of substances in closed systems
ERC9b Wide dispersive outdoor use of substances in closed systems
ERC4 Industrial use of processing aids in processes and products, not becoming part of articles
ERC7 Industrial use of substances in closed systems

Application of the substance/
the preparation: Engine Oil

1.3 Details of the supplier of the safety data sheet:

Manufacturer/supplier: Eni Schmiertechnik GmbH
Paradiesstr. 14, 97080 Würzburg
Tel. (+ 49) 931 - 900 98-0 Fax (+ 49) 931-98442
Advising/Support: Technical Department, Tel. (+ 49) 931/900 98-145
technik.wuerzburg@agip.de
www.enischmiertechnik-datenblaetter.de

Section 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.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC: Not applicable.

Information concerning particular hazards for human and environment: The product does not have to be labelled due to the calculation procedure of the "General Classification Guideline for preparations of the EU" in the latest valid version.

Classification system: The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

2.2 Label elements:

Labelling according to Regulation (EC) No 1272/2008: Void

Hazard pictograms: Void

Signal word: Void

Hazard statements: Void

Additional information: EUH208 Contains Calcium long chain alkarylsulphonate. May produce an allergic reaction.
EUH210 Safety data sheet available for professional user on request.



2.3 Other hazards:

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Section 3. Composition/information on ingredients.

3.2 Mixtures:

Description: Highly refined mineral oils and additives.

Dangerous components:

Polymer	polyolefin polyamine succinimide, polyol R 53 Aquatic Chronic 4, H413	1 – 2,5%
CAS 68649-42-3 EINECS 272-028-3	zinc-alkyl-dithiophosphate Xi R41; N R51/53 Eye Dam. 1, H318; Aquatic Chronic 2, H411	0,1 – 1,0%

Additional information: The highly refined mineral oil contains < 3% (w/w) DMSO extract, according to IP346. For the wording of the listed risk phrases refer to section 16.

Section 4. First aid measures.

4.1 Description of first aid measures:

General information: No special measures required.

Inhalation: Supply fresh air; consult doctor in case of complaints.

Skin contact: Generally the product does not irritate the skin.

Eye contact: Rinse opened eye for several minutes under running water.

Swallowing: Do not induce vomiting; call for medical help immediately.

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:

If swallowed or in case of vomiting, danger of entering the lungs.

Section 5. Fire fighting measures.

5.1 Extinguishing media:

Suitable extinguishing agents: CO₂, dry chemical or foam. Water can be used to cool and protect exposed material.

For safety reasons unsuitable: Water with full jet.

5.2 Special hazards arising from the substance or mixture:

Formation of toxic gases is possible during heating or in case of fire.

5.3 Advice for fire fighters:

Protective equipment: Wear self-contained respiratory protective device. Wear fully protective suit.

Section 6. Accidental release measures.

6.1 Personal precautions, protective equipment and emergency procedures:

Wear protective clothing.

6.2 Environmental precautions:

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). Remove from the water surface (e. g. skim or suck off).

6.4 Reference to other sections:

No dangerous substances are released.

See section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See section 13 for disposal information.



Section 7. Handling and storage.

7.1 Precautions for safe handling:	No special measures required. Avoid the formation of oil haze.
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:	Store only in the original receptacle.
Information about storage in one common storage facility:	Not required.
Further information about storage conditions:	Store in cool, dry conditions in well sealed receptacles.
7.3 Specific end use(s):	No further relevant information available.

Section 8. Exposure controls/personal protection.

Additional information about design of technical facilities:	No further data, see item 7.
8.1 Control parameters:	
Ingredients with limit values that require monitoring at the workplace:	Contains mineral oil. Under conditions which may generate mist, observe the OSHA-PEL of 5 mg/m ³ and ACGIH STEL of 10 mg/m ³ .
Additional information:	The lists valid during the making were used as basis.
8.2 Exposure controls:	
Personal protective equipment:	
General protective and hygienic measures:	Wash hands before breaks and at the end of work.
Respiratory protection:	Not required.
Protection of hands:	Oil resistant gloves. Material of gloves: Nitrile rubber, NBR; PVC gloves; Neoprene 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 of the glove material: For continuous contact we recommend gloves with breakthrough time of more than 240 minutes with preference for > 480 minutes where suitable gloves can be identified. For short-term/splash protection we recommend the same, but recognise that suitable gloves offering this level of protection may not be available and in this case a lower breakthrough time may be acceptable so long as appropriate maintenance and replacement regimes are followed. Glove thickness is not a good predictor of glove resistance to a chemical as it is dependent on the exact composition of the glove material. The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection:	Goggles recommended during refilling.
Body protection:	Protective work clothing.

Section 9. Physical and chemical properties.

9.1 Information on basic physical and chemical properties:	
General information	
Appearance:	
Form:	Fluid
Colour:	Brown
Odour:	Characteristic
Odour threshold:	Not determined



pH-value:	Not determined
Change in condition:	
Melting point/range:	Undetermined
Boiling point/range:	Undetermined
Drop point:	
Pour point:	-36°C (ASTM D97)
Flashpoint:	> 110°C
Flammability (solid, gaseous):	Not applicable
Ignition temperature:	
Decomposition temperature:	Not determined
Self-igniting:	Product is not self-igniting
Danger of explosion:	Product does not present an explosion hazard
Explosion limits, lower/upper:	Not determined
Vapour pressure:	Not determined
Density at 20°C:	0,869 g/cm ³
Relative density:	Not determined
Vapour density:	Not determined
Evaporation rate:	Not determined
Solubility in/miscibility with water:	Not miscible or difficult to mix
Partition coefficient (n-octanol/water):	Not determined
Viscosity dynamic:	Not determined
Viscosity kinematic:	Not determined
Viscosity at 40°C:	99,6 mm ² /s (ASTM D445)
Solvent content:	
Organic solvents:	0,0 %
9.2 Other information:	No further relevant information available

Section 10. Stability and reactivity.

10.1 Reactivity:

10.2 Chemical stability:

Thermal decomposition / conditions to be avoided:

To avoid thermal decomposition do not overheat.

10.3 Possibility of hazardous reactions:

Reacts with strong oxidizing agents.

10.4 Conditions to avoid:

No further relevant information available.

10.5 Incompatible materials:

No further relevant information available.

10.6 Hazardous decomposition products:

No dangerous decomposition products known.

Section 11. Toxicological information.

11.1 Information on toxicological effects:

Acute toxicity:

Primary irritant effect:

On the skin:

No irritant effect.

On the eye:

No irritant effect.

Sensitization:

No sensitizing effects known.

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

Sensitisation:

For respiratory and skin sensitisation: Not expected to be a sensitizer.



CMR effects (carcinogenity, mutagenicity and toxicity for reproduction):

Product contains mineral oils which are considered to be severely refined and not considered to be carcinogenic under IARC. All of the oils in this product have been demonstrated to contain less than 3% extractables by the IP 346 test.

Section 12. Ecological information.

12.1 Toxicity:

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability: No further relevant information available.

Other information: The product is difficultly biodegradable.

12.3 Bioaccumulative potential: No further relevant information available.

12.4 Mobility in soil: No further relevant information available.

Ecotoxicological effects:

Remark: This material is not expected to be harmful to aquatic organisms. The product has not been tested. The statement has been derived from the properties of the individual components.

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 drink water if even small quantities leak into ground.

12.5 Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects: No further relevant information available.

Section 13. Disposal considerations.

13.1 Waste treatment methods:

Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue: 13 02 05* mineral-based non-chlorinated engine, gear and lubricating oils

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

Section 14. Transport information.

14.1 UN-Number:

ADR, ADN, IMDG, IATA: Void

14.2 UN proper shipping name:

ADR, ADN, IMDG, IATA: Void

14.3 Transport hazard class(es):

ADR, ADN, IMDG, IATA:

Class: Void

14.4 Packaging group:

ADR, IMDG, IATA: Void

14.5 Environmental hazard:

Marine Pollutant: No

14.6 Special precautions for user: Not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC-Code: Not applicable

UN "Model Regulation": --



Section 15. Regulatory information.

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

National regulations:

Water hazard class: WGK 2 (self-assessment): hazardous for water

15.2 Chemical safety assessment: A chemical safety assessment has not been carried out.

Section 16. Other information.

The 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.

Relevant phrases

H318 Causes serious eye damage
H411 Toxic to aquatic life with long lasting effects
H413 May cause long lasting harmful effects to aquatic life

R41 Risk of serious damage to eyes
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R53 May cause long-term adverse effects in the aquatic environment

Changes: Correction under item: 1 – 16

This information relates only to the specific product and may not be valid if the product is used in combination with any other material or in any process.

The information in this sheet is according to our best knowledge at the date of printing.