



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

1.1 Product identifier: AUTOL ATF III D

1.2 Relevant identified uses of the substance or mixture and uses advised against:
 Identified uses: Automatic Transmission Fluid

1.3 Details of the supplier of the safety data sheet: Eni Schmiertechnik GmbH
 Paradiesstr. 14, 97080 Würzburg
 Tel. (+ 49) 931 - 900 98-0 Fax (+ 49) 931-98442

Support/Advice: 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:
 CLP Classification: Not classified as dangerous according to EU regulatory guidelines.

2.2 Label elements:
 Under the criteria of Regulation (EC) No. 1272/2008 (CLP): Not classified

Contains: Alkoxylated long-chain alkyl amine. May produce an allergic reaction.

2.3 Other hazards: Not applicable

Section 3. Composition/information on ingredients.

Mixtures: This material is a mixture.

Components	CARN	EC number	Registration number	CLP classification	Amount
Highly refined mineral oil (C15-C50)	Mixture	*	***	None	70 – 99 wt.%
Methacrylate copolymer	Mixture	Confidential	**	Eye Irrit. 2, H319	1 – 5 wt.%

The full text of all CLP H-statements is shown in Section 16.

*Contains one or more of the following EINECS numbers: 265-090-8, 265-091-3, 265-096-0, 265-097-6, 265-098-1, 265-101-6, 265-155-0, 265-156-6, 265-157-1, 265-158-7, 265-159-2, 265-160-8, 265-161-3, 265-166-0, 265-169-7, 265-176-5, 276-735-8, 276-736-3, 276-737-9, 276-738-4, 278-012-2.

**Not available or substance is not currently required for registration under REACH.

***Contains one or more of the following REACH registration numbers: 01-2119488706-23, 01-2119487067-30, 01-2119487081-40, 01-2119483621-38, 01-2119480374-36, 01-2119488707-21, 01-2119467170-45, 01-2119480375-34, 01-2119484627-25, 01-2119480132-48, 01-2119487077-29, 01-2119489287-22, 01-2119480472-38, 01-2119471299-27, 01-2119485040-48, 01-2119555262-43, 01-2119495601-36, 01-2119474889-13, 01-2119474878-16.

Section 4. First aid measures.

4.1 Description of first aid measures:

Eye: No specific first aid measures are required. As a precaution, remove contact lenses, if worn, and flush eyes with water.

Skin: No specific first aid measures are required. As a precaution, remove clothing and shoes if contaminated. To remove the material from skin, use soap and water. Discard contaminated clothing and shoes or thoroughly clean before reuse.

Ingestion: No specific first aid measures are required. Do not induce vomiting. As a precaution, get medical advice.

Inhalation: No specific first aid measures are required. If exposed to excessive level of material in the air, move the exposed person to fresh air. Get medical attention if coughing or respiratory discomfort occurs.

4.2 Most important symptoms and effects, both acute and delayed:

Immediate symptoms and health effects:

Eye: Not expected to cause prolonged or significant eye irritation.

Skin: Contact with skin is not expected to be harmful. High-pressure equipment information: Accidental high-velocity injection under the skin of materials of this type may result in



	serious injury. Seek medical attention at once should an accident like this occur. The initial wound at the injection site may not appear to be serious at first; but, if left untreated, could result in disfigurement or amputation of the affected part.
Ingestion:	Not expected to be harmful if swallowed.
Inhalation:	Not expected to be harmful if inhaled. Contains a petroleum-based mineral oil. May cause respiratory irritation or other pulmonary effects following prolonged or repeated inhalation of oil mist at airborne levels above the recommended mineral oil mist exposure limit. Symptoms of respiratory irritation may include coughing and difficulty breathing.
Delayed or other symptoms and health effects:	Not classified
4.3 Indication of any immediate medical attention and special treatment needed:	Not applicable

Section 5. Fire fighting measures.

5.1 Extinguishing media:	Use water fog, foam, dry chemical or carbon dioxide (CO ₂) to extinguish flames.
5.2 Special hazards arising from the substance or mixture:	
Combustion products:	Highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases including carbon monoxide, carbon dioxide and unidentified organic compounds will be evolved when this material undergoes combustion.
5.3 Advice for fire fighters:	This material will burn although it is not easily ignited. See Section 7 for proper handling and storage. For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

Section 6. Accidental release measures.

6.1 Personal precautions, protective equipment and emergency procedures:	Eliminate all sources of ignition in vicinity of spilled material. Refer to Sections 5 and 8 for more information.
6.2 Environmental precautions:	Stop the source of the release if you can do it without risk. Contain release to prevent further contamination of soil, surface water or groundwater.
6.3 Methods and material for containment and cleaning up:	Clean up spill as soon as possible, observing precautions in Exposure Controls/Personal Protection. Use appropriate techniques such as applying non-combustible absorbent materials or pumping. Where feasible and appropriate, remove contaminated soil and dispose of in a manner consistent with applicable requirements. Place other contaminated materials in disposable containers and dispose of in a manner consistent with applicable requirements. Report spills to local authorities as appropriate or required.
6.4 Reference to other sections:	See Section 8 and 13.

Section 7. Handling and storage.

7.1 Precautions for safe handling:	
General handling information:	Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.
Precautionary measures:	Do not get in eyes, on skin or on clothing. Do not taste or swallow. Wash thoroughly after handling.
Static hazard:	Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary but may not, by themselves, be sufficient. Review all operations which have the potential of generating and accumulating an electrostatic charge and/or a flammable atmosphere (including tank and container filling, splash filling, tank cleaning, sampling, gauging, switch loading, filtering, mixing, agitation, and vacuum truck operations) and use appropriate mitigating procedures.
Container warnings:	Container is not designed to contain pressure. Do not use pressure to empty container or it may rupture with explosive force. Empty containers retain product residue (solid, liquid, and/or vapour) can be dangerous. Do not pressurize, cut, weld, braze, solder,



drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed and promptly returned to a drum reconditioner or disposed of properly.

7.2 Conditions for safe storage, including any incompatibilities:

Not applicable

7.3 Specific end use(s):

Automatic Transmission Fluid

Section 8. Exposure controls/personal protection.

General considerations:

Consider the potential hazards of this material (see Section 3), applicable limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances. Refer to appropriate CEN Standards.

8.1 Control parameters:

Occupational exposure limits:

Component	Country/Agency	TWA	STEL	Ceiling	Notation
Highly refined mineral oil (C15-C50)	Belgium	5 mg/m ³	10 mg/m ³	--	--

Consult local authorities for appropriate values.

8.2 Exposure controls:

Engineering controls:

Use in a well-ventilated area.

Personal protective equipment:

Eye/face protection:

No special eye protection is normally required. Where splashing is possible, wear safety glasses with side shields as a good safety practice.

Skin protection:

No special protective clothing is normally required. Where splashing is possible, select protective clothing depending on operations conducted, physical requirements and other substances in the workplace. Suggested materials for protective gloves include: 4H (PE/EVAL), Nitrile rubber, Silver shield, Viton.

Respiratory protection:

No respiratory protection is normally required. If user operations generate an oil mist, determine if airborne concentrations are below the occupational exposure limit for mineral oil mist. If not, wear an approved respirator that provides adequate protection from the measured concentrations of this material. For air-purifying respirators use a particulate cartridge.

Environmental exposure controls:

See relevant Community environmental protection legislation or the Annex, as applicable.

Section 9. Physical and chemical properties.

Attention: The data below are typical values and do not constitute a specification.

9.1 Information on basic physical and chemical properties:

Appearance:

Colour:

Red

Physical state:

Liquid

Odour:

Petroleum odour

Odour threshold:

No data available

pH:

Not applicable

Melting point:

No data available

Freezing point:

Not applicable

Initial boiling point:

> 315°C (599°F)

Flashpoint:

200°C (392°F) (Typical) (Cleveland open cup)

Evaporation rate:

No data available

Flammability (solid, gas):

No data available



Flammability (Explosive) limits (% by volume in air):

Lower/Upper:	Not applicable
Vapour pressure:	< 0,01 mmHg at 37,8°C (100°F)
Vapour Density (Air = 1):	> 1
Density at 20°C (68°F):	0,86 kg/l (Typical)
Solubility:	Soluble in hydrocarbons; insoluble in water
Partition coefficient n-Octanol/Water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity at 40°C (104°F):	33,8 mm ² /s (Typical)
Explosive properties:	No data available
Oxidising properties:	No data available
9.2 Other information:	No data available

Section 10. Stability and reactivity.

10.1 Reactivity:	May react with strong acids or strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.
10.2 Chemical stability:	This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
10.3 Possibility of hazardous reactions:	Hazardous polymerization will not occur.
10.4 Conditions to avoid:	Not applicable
10.5 Incompatible materials to avoid:	Not applicable
10.6 Hazardous decomposition products:	None known (none expected)

Section 11. Toxicological information.

11.1 Information on toxicological effects:	
Serious eye damage/irritation:	The eye irritation hazard is based on evaluation of data for product components.
Skin corrosion/irritation:	The skin irritation hazard is based on evaluation of data for product components.
Skin sensitization:	The skin sensitization hazard is based on evaluation of data for product components.
Acute dermal toxicity:	The acute dermal toxicity hazard is based on evaluation of data for product components.
Acute oral toxicity:	The acute oral toxicity hazard is based on evaluation of data for product components.
Acute toxicity estimate (oral):	Not applicable
Acute inhalation toxicity:	The acute inhalation toxicity hazard is based on evaluation of data for product components.
Germ cell mutagenicity:	The hazard evaluation is based on data for components or similar material.
Carcinogenicity:	The hazard evaluation is based on data for components or similar material.
Reproductive toxicity:	The hazard evaluation is based on data for components or similar material.
Specific target organ toxicity - single exposure:	The hazard evaluation is based on data for components or similar material.
Specific target organ toxicity - repeated exposure:	The hazard evaluation is based on data for components or similar material.
Aspiration toxicity:	No data available
Additional toxicology information:	In accordance with the Directive 94/69/EC (21st ATP to DSD), Nota L, reference IP 346/92: „DMSO Extraction method“, we have determined that the base oils used in this preparation are not carcinogenic.



Section 12. Ecological information.

12.1 Toxicity:	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.
12.2 Persistence and biodegradability:	This material is not expected to be readily biodegradable. The product has not been tested. The statement has been derived from the properties of the individual components.
12.3 Bioaccumulative potential:	
Bioconcentration factor:	No data available
Octanol/water partition coefficient:	No data available
12.4 Mobility in soil:	No data available
12.5 Results of PBT and vPvB assessment:	The product is not, or does not contain, a substance that is a potential PBT or vBvP.
12.6 Other adverse effects:	No other adverse effects identified.

Section 13. Disposal considerations.

13.1 Waste treatment methods:	Use material for its intended purpose or recycle if possible. Oil collection services are available for used oil recycling or disposal. Place contaminated materials in containers and dispose of in a manner consistent with applicable regulations. Contact your sales representative or local environmental or health authorities for approved disposal or recycling methods.
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In accordance with European Waste Catalogue (E.W.C.) the codification is the following: 13 02 05

Section 14. Transport information.

The description shown may not apply to all shipping situations. Consult appropriate Dangerous Goods Regulations for additional description requirements (e. g. technical name) and mode-specific or quantity-specific shipping requirements.

ADR/RID: Not regulated as dangerous goods for transport

14.1 UN number: Not applicable

14.2 UN proper shipping name: Not applicable

14.3 Transport hazard class(es): Not applicable

14.4 Packing group: Not applicable

14.5 Environmental hazards: Not applicable

14.6 Special precautions for user: Not applicable

ICAO:

14.1 UN number: Not applicable

14.2 UN proper shipping name: Not applicable

14.3 Transport hazard class(es): Not applicable

14.4 Packing group: Not applicable

14.5 Environmental hazards: Not applicable

14.6 Special precautions for user: Not applicable

IMO:

14.1 UN number: Not applicable

14.2 UN proper shipping name: Not applicable

14.3 Transport hazard class(es): Not applicable

14.4 Packing group: Not applicable

14.5 Environmental hazards: Not applicable

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



Section 15. Regulatory information.

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

Regulatory lists searched:

- 01=EC Directive 76/769/EWG: Restrictions on the marketing and use of certain dangerous substances
- 02=EC Directive 90/394 EWG: Carcinogenics at work
- 03=EC Directive 92/85/EWG: Pregnant or breastfeeding workers
- 04=EC Directive 96/82/EG (Seveso II): Article 9
- 05=EC Directive 96/82/EG (Seveso II): Article 6 and 7
- 06=EC Directive 98/24/EG: Chemical agents at work
- 07=EU Directive 2004/37/EC: On the protection of workers
- 08=EU Regulation EC no.689/2008: Annex 1, Part 1
- 09=EU Regulation EC no.689/2008: Annex 1, Part 2
- 09=EU Regulation EC no.689/2008: Annex 1, Part 3
- 11=EU Regulation EC no. 850/2004: Prohibiting and restricting persistent organic pollutants (POPs)
- 12=EU-REACH, Annex XVII: Restrictions on manufacture, placing on the market and use of certain dangerous substances, mixture and article
- 13=EU-REACH, Annex XIV: Candidate List of Substances of Very High Concern for Authorization

No components of this material were found on the regulatory lists above.

Chemical inventories: All components comply with the following chemical inventory requirements: AICS (Australia), DSL (Canada), EINECS (European Union), IECSC (China), KECI (Korea), PICCS (Philippines), TSCA (United States).
One or more components do not comply with the following chemical inventory requirements: ENCS (Japan).

15.2 Chemical safety assessment: No chemical safety assessment.

Section 16. Other information.

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 informations in this sheet are according to our best knowledge at the date of printing.

Full text of CLP H-statements:

H319 Causes serious eye irritation

Changes: 1 - 16