



FUCHS EUROPE SCHMIERSTOFFE GMBH, Friesenheimer Straße 19, D-68169 Mannheim

THE ENG GROUP LLC
SW 34th Avenue 5309
33312 Hollywood (Ft Lauderdale)
USA

02/08/2014

Documents to FUCHS - products

Your order(s): No. 2

Dear Ladies and Gentlemen,

thank you for your order.

The product ordered/delivered fulfils as substance the criteria for the classification "hazardous" corresponding to Regulation (EC)1272/2008 or as blend the criteria for the classification "hazardous" corresponding to the Directives 67/548/EC or 1999/45/EC. According to these directives the Material Safety Data Sheet of such substances or blends has to be provided to the customer free of charge with first delivery at the latest and subsequently after each revision due to relevant new information in connection with security, health protection and environment. Therefore, we are sending today the latest Material Safety Data Sheet to your MSDS email address or delivery address. In case you are not the addressee of Material Safety Data Sheets in your company, please forward it to the department concerned.

With best regards

FUCHS EUROPE SCHMIERSTOFFE GMBH

Enclosure

This letter is printed mechanically, therefore it is not signed.

Sitz und
Handelsregister:
Mannheim HRB 9154
Geschäftsführer:
Stefan Knapp (Vors.)
Jörg Vogel
Kay-Peter Wagner

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BLZ 670 700 10
IBAN: DE 06670700100018617100
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DIN EN ISO 9001:2000
ISO/TS 16949:2002
DIN EN ISO 14001:2004
REG.NR. 2476



SAFETY DATA SHEET

acc.to ISO/DIS 11014 for USA

1 PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product name: TITAN ATF 7134 FE 1L PLA

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

Identified uses: Lubricant

Uses advised against: No uses advised against identified.

Details of the supplier of the safety data sheet

Manufacturer Fuchs Europe Schmierstoffe GmbH
Friesenheimer Str. 19
68169 Mannheim

Telephone: 0621 3701-0 (ZENTRALE)
Fax: 0621 3701-570

Contact Person: Fuchs Europe Schmierstoffe GmbH Abteilung Produktsicherheit
Telephone: 0621 3701-1333
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e-mail: PRODUKTSICHERHEIT@FUCHS-EUROPE.DE

US contact telephone : 708-333-8900
Emergency telephone: 800-255-3924

2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

The product has not been classified as hazardous, but needs to be labelled according to the legislation in force.

Hazard summary

Physical hazards: By handling of mineral oil products and chemical products no particular hazard is known when normal precautions (item 7) and personal protective equipment (item 8) are kept.

Health hazards

Inhalation: No data available.

Eye contact: No data available.

Skin contact: No data available.

Ingestion: No data available.

Other Health Effects: No data available.



Product name: TITAN ATF 7134 FE 1L PLA

Environmental hazards: This product is water polluting.

Label elements

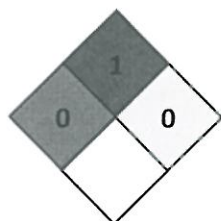
Safety data sheet available for professional user on request.
Contains: alkyl amine. May produce an allergic reaction.

Other hazards: No data available.
HMIS Hazard ID

HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARDS	0
PERSONAL PROTECTION	

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; *Chronic health effect

NFPA Hazard ID



Flammability
Health
Reactivity
Special hazard.

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

3 COMPOSITION / INFORMATION ON INGREDIENTS

Mixtures

General information: Mixture containing severely refined base oils and additives.

Chemical name	Concentration *	Identifier	Notes
Alkylamine, longchain	>=0.10 - <1.00%	124-28-7	

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

This substance has workplace exposure limit(s).

Classification

Chemical name	Classification
Alkylamine, longchain	CLP: Skin Corr. 1B;H314, Aquatic Acute 1;H400, Acute Tox. 4;H302

DSD: Directive 67/548/EEC.

CLP: Regulation No. 1272/2008.

4 FIRST AID MEASURES

General: Change clothes and shoes contaminated or soaked by the product. Never put rags contaminated by the product into cloth-pockets.

Description of first aid measures



Product name: TITAN ATF 7134 FE 1L PLA

Inhalation: Supply fresh air; consult doctor in case of symptoms.
Eye contact: Promptly wash eyes with plenty of water while lifting the eye lids.
Skin contact: Wash with soap and water. The product is not skin irritating.
Ingestion: Rinse mouth thoroughly.

Most important symptoms and effects, both acute and delayed: May cause skin and eye irritation.

Indication of any immediate medical attention and special treatment needed

Hazards: No data available.

Treatment: Get medical attention if symptoms occur.

5 FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: CO₂, fire extinguishing powder or fog like water spraying. Extinguish larger fires with alcohol resistant foam or spray water with suitable tensides added

Unsuitable extinguishing media: Water with a full water jet.

Special hazards arising from the substance or mixture: During fire, gases hazardous to health may be formed.

Advice for firefighters

Special fire fighting procedures: No data available.

Special protective equipment for fire-fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: In case of spills, beware of slippery floors and surfaces.

Environmental precautions: Prevent from spreading (e.g. by binding or oil barriers).

Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acidbinders, universal binders, sawdust).

Reference to other sections: See Section 8 of the MSDS for Personal Protective Equipment. See Section 7 for information on safe handling See Section 13 for information on disposal.



Product name: TITAN ATF 7134 FE 1L PLA

7 HANDLING AND STORAGE

- Precautions for safe handling:** Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
- Conditions for safe storage, including any incompatibilities:** Local regulations concerning handling and storage of waterpolluting products have to be followed. Prevent formation of aerosols. Do not heat up to temperatures close to the flash point.
- Specific end use(s):** Not available.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

None of the components have assigned exposure limits.

Exposure controls

Appropriate engineering controls: No data available.

Individual protection measures, such as personal protective equipment

General information: Wash hands before breaks and after work. Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. The usual precautionary measures should be adhered to in handling the chemicals or the mineral oil products.

Eye/face protection: Wear closed protection glasses. Safety glasses (EN 166) recommended during refilling.

Skin protection

Hand protection: Nitrile butyl rubber (NBR). Avoid long-term and repeated skin contact. Suitable gloves can be recommended by the glove supplier. Use skin protection cream for preventive skin protection. Protective gloves, where permitted in acc. to safety directions. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Other: Do not carry cleaning cloths impregnated with the product in trouser pockets. Wear suitable protective clothing.

Respiratory Protection: In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor. Avoid breathing vapour/ aerosol.

Thermal hazards: No data available.

Hygiene measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

Environmental Controls: No data available.



Product name: TITAN ATF 7134 FE 1L PLA

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State:	Liquid
Form:	Liquid
Color:	Blue
Odor:	Characteristic
Odor Threshold:	No data available.
pH:	Not applicable
Freezing point:Melting Point:	No data available.
Boiling Point:	No data available.
Flash Point:	180 °C
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Flammability Limit - Upper (%)-:	No data available.
Flammability Limit - Lower (%)-:	No data available.
Vapor pressure:	No data available.
Vapor density (air=1):	No data available.
Density:	0.8410 g/ml (15.00 °C)
Solubility(ies)	
Solubility in Water:	Insoluble in water
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	No data available.
Autoignition Temperature:	No data available.
Decomposition Temperature:	No data available.
Kinematic viscosity:	18 mm ² /s (40 °C)
Flow time	No data available.
Explosive properties:	No data available.
Oxidizing properties:	No data available.

10 STABILITY AND REACTIVITY

Reactivity:	Stable under normal temperature conditions and recommended use.
Chemical stability:	No data available.
Possibility of hazardous reactions:	None under normal conditions.
Conditions to avoid:	Avoid heat or contamination.
Incompatible materials:	Strong oxidizing substances. Strong acids. Strong bases.
Hazardous decomposition products:	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.



Product name: TITAN ATF 7134 FE 1L PLA

11 TOXICOLOGICAL INFORMATION

Specified substance(s):

Inhalation: No data available.

Ingestion: No data available.

Skin corrosion/irritation: No data available.

Serious eye damage/eye irritation: No data available.

Respiratory sensitizer/Skin sensitizer: No data available.

The following components have been identified as sensitizers

Name
alkyl amine

Carcinogenicity: No data available.

Mutagenesis: No data available.

Reproductive toxicity: No data available.

12 ECOLOGICAL INFORMATION

Ecotoxicity:

Specified substance(s):

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility: No data available.

13 DISPOSAL CONSIDERATIONS

Disposal methods: Do not empty into drains; dispose of this material and its container in a safe way. When storing used products, ensure that the waste categories and mixing instructions are observed.

Measures for Avoidance and Recovery: Dispose in accordance with all applicable regulations.



Product name: TITAN ATF 7134 FE 1L PLA

14 TRANSPORT INFORMATION

This material is not subject to transport regulations.

15 REGULATORY INFORMATION

US federal regulations

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

CERCLA Hazardous Substance List (40 CFR 302.4):

Superfund amendments and reauthorization act of 1986 (SARA)

Hazard categories

Not listed.

SARA 302 Extremely hazardous substance

None present or none present in regulated quantities.

SARA 304 Emergency release notification

None present or none present in regulated quantities.

SARA 311/312 Hazardous chemical:

SARA 313 (TRI reporting)

None present or none present in regulated quantities.

Other federal regulations

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

None present or none present in regulated quantities.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

None present or none present in regulated quantities.

US state regulations

US. California Proposition 65

No ingredient regulated by CA Prop 65 present.

US. New Jersey Worker and Community Right-to-Know Act

No ingredient regulated by NJ Right-to-Know Law present.

US. Massachusetts RTK - Substance List

No ingredient regulated by MA Right-to-Know Law present.

US. Pennsylvania RTK - Hazardous Substances

No ingredient regulated by PA Right-to-Know Law present.

US. Rhode Island RTK

No ingredient regulated by RI Right-to-Know Law present.

Inventory Status

DSL	On or in compliance with the inventory
TSCA	On or in compliance with the inventory

16 OTHER INFORMATION

Issue date: 30.10.2013

Revision date: 29.04.2014

Supersedes Date: 02.08.2014

SDS_US - 000000000600868611

Version: 1.0

7/8



Product name: TITAN ATF 7134 FE 1L PLA

Revision Information:

Revision date: 02.08.2014

SDS No.:

Disclaimer:

The data contained in this safety data sheet are based on our current knowledge and experience and are given to the best of our knowledge and belief. It characterizes the product only with regard to safety requirements for handling, transport and disposal. The data do not describe the product's properties (tech. product specification). Neither should any agreed property nor the suitability of the product for any specific technical application be deduced from the data contained in this safety data sheet. Modifications on this document are not allowed. The data are not transferable to other products. In the case of mixing the product with other products or in the case of processing, the data in this safety data sheet are not necessarily valid for the new-made material. It is the responsibility of the recipient of the product to observe federal, state and local law. Please contact us to obtain up-to-date safety data sheets. This document was issued electronically and has no signature.