		Page: 1
SAFETY DATA SHEET		Revision Date: 31.07.2016
		Print Date: 01.06.2017
		SDS Number: 000000217588
Synpower™ ATF 134 SYNTHETIC AUTOMATIC TRANSMISSION FLUID		Version: 2.1
801938		

Conforms to EU Regulation 1907/2006/EC as amended. - SDSGHS_GB

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : Synpower™ ATF 134
SYNTHETIC AUTOMATIC TRANSMISSION FLUID

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

Use of the substance/mixture : lubricant

1.3 Details of the supplier of the safety data sheet

Ellis Enterprises B.V., an affiliate of Valvoline
Wieldrechtseweg 39
3316 BG Dordrecht
Netherlands

SDS@valvoline.com

1.4 Emergency telephone number

00-800-825-8654 / 001-859-202-3865, or contact your local emergency telephone number at 112

Product Information

+31 (0)78 654 3500 (in the Netherlands), or contact your local CSR contact person

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.


Additional Labelling:

EUH210 Safety data sheet available on request.
EUH208 Contains Alkyl amine. May produce an allergic reaction.

2.3 Other hazards

Additional advice

No information available.

		Page: 2
SAFETY DATA SHEET		Revision Date: 31.07.2016
		Print Date: 01.06.2017
		SDS Number: 000000217588
Synpower™ ATF 134 SYNTHETIC AUTOMATIC TRANSMISSION FLUID		Version: 2.1
801938		

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components


Chemical name	CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration (%)
Lubricating Oils (Petroleum), C20-50, Hydrotreated Neutral Oil-Based	72623-87-1 276-738-4 01-2119474889-13-xxxx	Asp. Tox.1; H304	>= 90,00 - <= 100,00

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.
- If inhaled : If breathed in, move person into fresh air.
If unconscious place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- In case of skin contact : Remove contaminated clothing. If irritation develops, get medical attention.
If on skin, rinse well with water.
First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.
Wash contaminated clothing before re-use.
- In case of eye contact : Flush eyes with water as a precaution.
Remove contact lenses.
Protect unharmed eye.
If eye irritation persists, consult a specialist.
- If swallowed : Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.

		Page: 3
SAFETY DATA SHEET		Revision Date: 31.07.2016
		Print Date: 01.06.2017
		SDS Number: 000000217588
Synpower™ ATF 134 SYNTHETIC AUTOMATIC TRANSMISSION FLUID		Version: 2.1
801938		

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include:
stomach or intestinal upset (nausea, vomiting, diarrhea)
irritation (nose, throat, airways)

Risks : Acute aspiration of large amounts of oil-laden material may produce a serious aspiration pneumonia. Patients who aspirate these oils should be followed for the development of long-term sequelae. Repeated aspiration of small quantities of mineral oil can produce chronic inflammation of the lungs (i.e. lipid pneumonia) that may progress to pulmonary fibrosis. Symptoms are often subtle and radiological changes appear worse than clinical abnormalities. Occasionally, persistent cough, irritation of the upper respiratory tract, shortness of breath with exertion, fever, and bloody sputum occur. Inhalation exposure to oil mists below current workplace exposure limits is unlikely to cause pulmonary abnormalities.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : No hazards which require special first aid measures.

SECTION 5: Firefighting measures


5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Water spray
Foam
Carbon dioxide (CO₂)
Dry chemical

Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : If product is heated above its flash point it will produce vapors sufficient to support combustion. Vapors are heavier than air and may travel along the ground and be ignited by heat, pilot lights, other flames and ignition sources at locations near the point of release.

		Page: 4
SAFETY DATA SHEET		Revision Date: 31.07.2016
		Print Date: 01.06.2017
		SDS Number: 000000217588
Synpower™ ATF 134 SYNTHETIC AUTOMATIC TRANSMISSION FLUID		Version: 2.1
801938		

Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : carbon dioxide and carbon monoxide

5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Specific extinguishing methods : Product is compatible with standard fire-fighting agents.

Further information : Standard procedure for chemical fires.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.
Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.
Comply with all applicable federal, state, and local regulations.

6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.


6.4 Reference to other sections

For further information see Section 8 and Section 13 of the safety data sheet.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Do not breathe vapours/dust.
Do not smoke.
Persons susceptible to skin sensitisation problems or asthma,

		Page: 5
SAFETY DATA SHEET		Revision Date: 31.07.2016
		Print Date: 01.06.2017
		SDS Number: 000000217588
Synpower™ ATF 134 SYNTHETIC AUTOMATIC TRANSMISSION FLUID		Version: 2.1
801938		

allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Container hazardous when empty.

Avoid exposure - obtain special instructions before use.

Avoid contact with skin and eyes.

Smoking, eating and drinking should be prohibited in the application area.

For personal protection see section 8.

Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place.

Other data : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s) : No data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls


Engineering measures

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

Personal protective equipment

Eye protection : Not required under normal conditions of use. Wear splash-proof safety goggles if material could be misted or splashed into eyes.

Hand protection

		
SAFETY DATA SHEET		Revision Date: 31.07.2016
		Print Date: 01.06.2017
		SDS Number: 000000217588
Synpower™ ATF 134 SYNTHETIC AUTOMATIC TRANSMISSION FLUID		Version: 2.1
801938		

Remarks : Nitrile rubber Neoprene gloves


The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Skin and body protection : Wear as appropriate:
Impervious clothing
Safety shoes
Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Discard gloves that show tears, pinholes, or signs of wear.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	: liquid
Colour	: red
Odour	: oily
Odour Threshold	: No data available
pH	: Not applicable
Pour point	: -51 °C
Boiling point/boiling range	: not determined
Flash point	: 200 °C
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: No data available
Relative vapour density	: No data available
Relative density	: No data available
Density	: ca. 0,84 g/cm ³ (15 °C)

		
SAFETY DATA SHEET		Revision Date: 31.07.2016
		Print Date: 01.06.2017
		SDS Number: 000000217588
Synpower™ ATF 134 SYNTHETIC AUTOMATIC TRANSMISSION FLUID		Version: 2.1
801938		

Solubility(ies)
 Water solubility : insoluble

Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : No data available

Decomposition temperature : No data available

Viscosity
 Viscosity, dynamic : 8.500 mPa.s (-40 °C)
 Viscosity, kinematic : 29,6 mm²/s (40 °C)

Oxidizing properties : No data available

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : Product will not undergo hazardous polymerization.

10.4 Conditions to avoid

10.5 Incompatible materials

Materials to avoid : Strong oxidizing agents


10.6 Hazardous decomposition products

Hazardous decomposition products : No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Information on likely routes of exposure : Inhalation
 Skin contact

		Page: 8
SAFETY DATA SHEET		Revision Date: 31.07.2016
		Print Date: 01.06.2017
		SDS Number: 000000217588
Synpower™ ATF 134 SYNTHETIC AUTOMATIC TRANSMISSION FLUID		Version: 2.1
801938		

Eye Contact
Ingestion

Acute toxicity

Not classified based on available information.

Components:

Lubricating Oils (Petroleum), C20-50, Hydrotreated Neutral Oil-Based

Acute oral toxicity	: LD 50 (Rat): > 5.000 mg/kg
Acute inhalation toxicity	: LC50 (Rat): > 5,58 mg/l Exposure time: 4 h Test atmosphere: dust/mist Assessment: Not classified as acutely toxic by inhalation under GHS. Remarks: No mortality observed at this dose.
Acute dermal toxicity	: LD 50 (Rabbit): > 5.000 mg/kg Remarks: No mortality observed at this dose.

Skin corrosion/irritation

Not classified based on available information.

Product:

Remarks: May cause skin irritation in susceptible persons.

Components:

Lubricating Oils (Petroleum), C20-50, Hydrotreated Neutral Oil-Based

Species: Rabbit
Result: No skin irritation

Serious eye damage/eye irritation

Not classified based on available information.

Product:

Remarks: Unlikely to cause eye irritation or injury.

Components:

Lubricating Oils (Petroleum), C20-50, Hydrotreated Neutral Oil-Based

Species: Rabbit
Result: No eye irritation

Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.


Product:

Remarks: May cause allergic skin reaction.

Components:

Lubricating Oils (Petroleum), C20-50, Hydrotreated Neutral Oil-Based

Test Type: Buehler Test
Species: Guinea pig
Assessment: Does not cause skin sensitisation.

		Page: 9
SAFETY DATA SHEET		Revision Date: 31.07.2016
		Print Date: 01.06.2017
		SDS Number: 000000217588
Synpower™ ATF 134 SYNTHETIC AUTOMATIC TRANSMISSION FLUID		Version: 2.1
801938		

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Components:

Lubricating Oils (Petroleum), C20-50, Hydrotreated Neutral Oil-Based

May be fatal if swallowed and enters airways.

Further information

Product:

Remarks: No data available

SECTION 12: Ecological information

12.1 Toxicity

Components:

Lubricating Oils (Petroleum), C20-50, Hydrotreated Neutral Oil-Based

Toxicity to fish : **LL50 (Pimephales promelas (fathead minnow)): > 100 mg/l**

Exposure time: 96 h

Test Type: static test

Test substance: WAF

Method: OECD Test Guideline 203

Remarks: No toxicity at the limit of solubility

Toxicity to daphnia and other aquatic invertebrates : **EL50 (Daphnia magna (Water flea)): > 10.000 mg/l**

Exposure time: 48 h

Test Type: static test

Test substance: WAF

Method: OECD Test Guideline 202


Toxicity to algae : **NOEL (Pseudokirchneriella subcapitata (green algae)): >= 100 mg/l**

End point: Growth inhibition

Exposure time: 72 h

Test Type: static test

Test substance: WAF

		Page: 10
SAFETY DATA SHEET		Revision Date: 31.07.2016
		Print Date: 01.06.2017
		SDS Number: 000000217588
Synpower™ ATF 134 SYNTHETIC AUTOMATIC TRANSMISSION FLUID		Version: 2.1
801938		

	Method: OECD Test Guideline 201
Toxicity to fish (Chronic toxicity)	: NOELR: Calculated >= 1.000 mg/l Exposure time: 14 d Species: Oncorhynchus mykiss (rainbow trout)
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: NOEL: 10 mg/l Exposure time: 21 d Species: Daphnia (water flea) Test substance: WAF Method: OECD Test Guideline 211

12.2 Persistence and degradability

Components:

Lubricating Oils (Petroleum), C20-50, Hydrotreated Neutral Oil-Based

Biodegradability	: Result: Not readily biodegradable. Biodegradation: 2 - 4 % Exposure time: 28 d Method: OECD Test Guideline 301B
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12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Not relevant

12.6 Other adverse effects


Product:

Additional ecological information : No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	: Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.
Contaminated packaging	: Empty remaining contents. Dispose of as unused product.

		Page: 11
SAFETY DATA SHEET		Revision Date: 31.07.2016
		Print Date: 01.06.2017
		SDS Number: 000000217588
Synpower™ ATF 134 SYNTHETIC AUTOMATIC TRANSMISSION FLUID		Version: 2.1
801938		

Empty containers should be taken to an approved waste handling site for recycling or disposal.
Do not re-use empty containers.

SECTION 14: Transport information

SECTION 14: Transport information

14.1 UN number

ADR:
INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO:
INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER:
INTERNATIONAL MARITIME DANGEROUS GOODS:
RID:

14.2 UN proper shipping name

ADR:
INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO:
INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER:
INTERNATIONAL MARITIME DANGEROUS GOODS:
RID:

14.3 Transport hazard class(es)


ADR:
INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO:
INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER:
INTERNATIONAL MARITIME DANGEROUS GOODS:
RID:

14.4 Packing group

ADR:
INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO:
INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER:
INTERNATIONAL MARITIME DANGEROUS GOODS:
RID:

14.5 Environmental hazards

ADR: Not applicable
INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO: Not applicable
INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER: Not applicable
RID: Not applicable
: Not applicable
,

		Page: 12
SAFETY DATA SHEET		Revision Date: 31.07.2016
		Print Date: 01.06.2017
		SDS Number: 000000217588
Synpower™ ATF 134 SYNTHETIC AUTOMATIC TRANSMISSION FLUID		Version: 2.1
801938		

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

Ship Type: Not applicable
Hazard code(s): Not applicable
Pollutant Category: Not applicable

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

SECTION 15: Regulatory information

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

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 57) : Not applicable

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Lubricating Oils (Petroleum), C20-50, Hydrotreated Neutral Oil-Based

Regulation (EC) No 850/2004 on persistent organic pollutants : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.
Not applicable

The components of this product are reported in the following inventories:


TSCA : On TSCA Inventory

DSL All components of this product are on the Canadian DSL

AICS On the inventory, or in compliance with the inventory


ENCS Not in compliance with the inventory

KECI On the inventory, or in compliance with the inventory

		Page: 14
SAFETY DATA SHEET		Revision Date: 31.07.2016
		Print Date: 01.06.2017
		SDS Number: 000000217588
Synpower™ ATF 134 SYNTHETIC AUTOMATIC TRANSMISSION FLUID		Version: 2.1
801938		

CAS : Chemical Abstracts Service (Division of the American Chemical Society).
 CMR : Carcinogenic, Mutagenic or Toxic for Reproduction
 FG : Food grade
 GHS : Globally Harmonized System of Classification and Labeling of Chemicals.
 H-statement : Hazard Statement
 IATA : International Air Transport Association.
 IATA-DGR : Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
 ICAO : International Civil Aviation Organization
 ICAO-TI (ICAO) : Technical Instructions by the "International Civil Aviation Organization"
 IMDG : International Maritime Code for Dangerous Goods
 ISO : International Organization for Standardization
 logPow : octanol-water partition coefficient
 LCxx : Lethal Concentration, for xx percent of test population
 LDxx : Lethal Dose, for xx percent of test population.
 ICxx : Inhibitory Concentration for xx of a substance
 Ecxx : Effective Concentration of xx
 N.O.S.: Not Otherwise Specified
 OECD : Organization for Economic Co-operation and Development
 OEL : Occupational Exposure Limit
 P-Statement : Precautionary Statement
 PBT : Persistent , Bioaccumulative and Toxic
 PPE : Personal Protective Equipment
 STEL : Short-term exposure limit
 STOT : Specific Target Organ Toxicity
 TLV : Threshold Limit Value
 TWA : Time-weighted average
 vPvB : Very Persistent and Very Bioaccumulative
 WEL : Workplace Exposure Level

ABM : Water Hazard Class for the Netherlands
 ADR : Agreement concerning the International Carriage of Dangerous Goods by Road.
 ADN: Regulation for the Carriage of Dangerous Substances on the Rhine
 CLP : Classification, Labelling and Packaging
 CSA : Chemical Safety Assessment
 CSR : Chemical Safety Report
 DNEL : Derived No Effect Level.
 EINECS : European Inventory of Existing Commercial Chemical Substances.
 ELINCS : European List of Notified Chemical Substances
 PEC : Predicted Effect Concentration
 PEL : Permissible Exposure Limits
 PNEC : Predicted No Effect Concentration
 R-phrase : Risk phrase
 REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals
 RID : Regulation Concerning the International Transport of Dangerous Goods by Rail
 S-phrase: Safety phrase
 WGK : German Water Hazard Class

	Page: 15
SAFETY DATA SHEET	Revision Date: 31.07.2016
	Print Date: 01.06.2017
	SDS Number: 000000217588
Synpower™ ATF 134 SYNTHETIC AUTOMATIC TRANSMISSION FLUID 801938	Version: 2.1