

SAFETY DATA SHEET

According to Regulation (EC) no. 1907/2006, as amended by Regulation (EC) no. 1272/2008 and Regulation (EU) no. 453/2010

LUKOIL ATF SYNTH VI

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/ MIXTURE AND OF THE COMPANY/ UNDERTAKING

- 1.1. Product identifier:
LUKOIL ATF SYNTH VI
- 1.2. Relevant identified uses of the substance or mixture and uses advised against:
Full synthetic fluid for automatic transmissions, for professional and consumer use.
- 1.3. Details of the supplier of the Safety Data Sheet:
LUKOIL LUBRICANTS EAST EUROPE
11-15 Tipografilor Str., A-2 building, ground floor, 013714,
Bucharest, Romania.
Tel.: +40 212272350
Fax: +40 212323295
- 1.3.1. Name of the person in charge: Cristina Lungu
E-mail: CLungu@Petrotel.LUKoil.com
- 1.4. Emergency telephone number: + 40 244504651, Monday to Friday,
from 08:00 to 16:30

SECTION 2: HAZARD IDENTIFICATION

- 2.1. Classification of the mixture:
Classification according to Regulation (EC) 1272/2008 (CLP) and amendments thereto:
It is not considered a hazardous mixture.
H phrases for warning: none.
Classification according to Directive 1999/45/EC and Government Decision 937/2010:
It is not considered a hazardous mixture.
R phrases on hazards/ risks: none.
- 2.2. Label elements:
Components defining the hazard degree: -
H phrases for warning: none.
P phrases on precautionary measures:
P102 — Keep out of reach of children.
P501 — Dispose of contents/ container in accordance with national regulations.
EUH 208 — Contains Alkoxylated long-chain alkylamine. May cause an allergic reaction.
In case of mixtures intended for use by non-consumers, the following mention must appear on the mixture label:
EUH 210 — Safety data sheet available on request.
- 2.3. Other hazards:
The product does not have other known noxious effects on health or environment.
Results of PBT and vPvB assessment: the product does not contain any substances that meet the criteria for PBT or vPvB.

SAFETY DATA SHEET

According to Regulation (EC) no. 1907/2006, as amended by Regulation (EC) no. 1272/2008 and Regulation (EU) no. 453/2010

LUKOIL ATF SYNTH VI

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

3.1. Substances:
Not applicable.

3.2. Mixtures:

Description: Full synthetic fluid for automatic transmissions.

Mixture of below-mentioned substances with other non-hazardous additions

Chemical name	CASNo.	ECNo.	REACH reg. no.	Conc. (%)	Classification				
					67/548/EEC		1272/2008/EC (CLP)		
					Symbol of danger	R phrases	Hazard pictogram	Risk category	H phrases
Mineral oil	mixture	-	-	3.591 – 7.182	-	-	-	-	-
Methacrylate copolymer*	-	NLP	-	1.197 – 3.182	Xi	36	GHS07 Warning	Eye Irrit. 2	H319
Alkoxy sulfonate*	confidential	-	-	0.599 – 1.185	N	51/53	GHS09	Aquatic Chronic 2	H411
Alkoxylated long-chain alkylamine*	confidential	-	-	0.0599 – 0.119	C	22-34-43-52/53	GHS05 GHS07 Danger	Acute Tox. 4 Skin Corr. 1B Skin Sens. 1 Aquatic Chronic 3	H302 H314 H317 H412
Long-chain alkenyl amine*	confidential	-	-	0.0599 – 0.119	C, N	22-34-50	GHS05 GHS07 GHS09 Danger	Acute Tox. 4 Skin Corr. 1B Aquatic Acute 1	H302 H314 H400
Long-chain alkenyl succinimide*	confidential	-	-	0.0599 – 0.119	-	-	-	-	-
Alkoxylated alkyl amine*	confidential	-	-	0.0119 – 0.0599	C, N	34-50/53	GHS05 GHS09 Danger	Skin. Corr. 1B Aquatic Acute 1 Aquatic Chronic 1	H314 H400 H410
Methacrylate Alkyl*	confidential	-	-	0.0119 – 0.0599	Xi; N	36/37/38-43-50/53	GHS07 GHS09 Warning	Skin Irrit. 2 Eye Irrit. 2 STOT SE 3 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H315 H319 H335 H317 H400 H410
Long-chain alkenyl imidazoline alkanol*	confidential	-	-	0.0119 – 0.0599	C, N	34-50/53	GHS05 GHS09 Danger	Skin Corr. 1B Aquatic Acute 1 Aquatic Chronic 1	H314 H400 H410
Hydrocarbons, C10, aromatics, content > 1% naphthalene*	-	919-284-0	01-211946 3588-24-xxxx	0.012 – 0.0135	Xn; N	40 (Carc. Cat. 3)-51/53-65-66-67	GHS07 GHS08 GHS09 Danger	Asp. Tox. 1 Carc. 2 STOT SE 3 Aquatic Chronic 2	H304 H351 H336 H411 EUH066

SAFETY DATA SHEET

According to Regulation (EC) no. 1907/2006, as amended by Regulation (EC) no. 1272/2008 and Regulation (EU) no. 453/2010

LUKOIL ATF SYNTH VI

Hydrocarbons, C10-C13, aromatics, content > 1% naphthalene*	64742-94-5	926-273-4	01-211945 1151-53-xxxx		Xn; N	40 (Carc. Cat. 3)-51/53-65-66-67	GHS07 GHS08 GHS09 Danger	Asp. Tox. 1 Carc. 2 STOT SE 3 Aquatic Chronic 2	H304 H351 H336 H411 EUH066
Solvent red dye (comparable to C.I. 19 Solvent Red)*	56358-09-9	260-124-8	-	0.0165	Xn	40 (Carc. Cat. 3)	GHS08 Warnin g	Carc. 2	H351
	57712-94-4	260-913-7	-	-0.018	Xn	40 (Carc. Cat. 3)	GHS08 Warnin g	Carc. 2	H351
Distillates (petroleum), hydrotreated light paraffinic** Note L	64742-55-8	265-158-7	01-211948 7077-29	39.83	-	-	GHS08 Danger	Asp. Tox. 1	H304
Distillates (petroleum), hydrotreated heavy paraffinic*** Note L	64742-54-7	265-157-1	-	48.2	-	-	-	-	-

The full text of all R phrases and H phrases is given in section 16.

Note L: A petroleum product. DMSO extract < 3% weight (IP 346). The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3% DMSO extract as measured by the IP 346 method. This note applies only to certain complex oil-derived substances. [Reg. (EC) 1272/2008 ("CLP"), Annex VI, Note L]

*: Substance self-classified by the manufacturer or substance without a mandatory classification according to the EU regulations.

** : Viscosity: 12 cSt at 40 °C

***: The kinematic viscosity of the substance is 37 mm²/s at 40 °C

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures:

IF SWALLOWED:

Method:

- Do not induce vomiting without prior medical advice.
- Place the victim in a comfortable position.
- Never give anything by mouth to an unconscious person; do not induce vomiting.
- If spontaneous vomiting occurs, lower the head of the injured person.
- If exposed or concerned: Get medical advice/ attention.

IF INHALED:

Method:

- Remove the injured person to fresh air, loosen clothing and keep comfortable for breathing.
- Give artificial respiration if necessary.
- If pain occurs, seek medical assistance.

IF ON SKIN:

Method:

- Take off contaminated clothing. Wash the contaminated skin with plenty of running water and soap.
- If pain occurs, seek medical assistance.

IF IN EYES

Method:

- Flush eyes with water, keeping eyelids open and moving the eyeballs (for at least 15 minutes).
- If eye irritation persists: get medical advice/ attention.

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

Not available.

4.3. Indication of immediate medical attention and special treatment needed:

SAFETY DATA SHEET

According to Regulation (EC) no. 1907/2006, as amended by Regulation (EC) no. 1272/2008 and Regulation (EU) no. 453/2010

LUKOIL ATF SYNTH VI

Not available.

SECTION 5: FIREFIGHTING MEASURES

- 5.1. Extinguishing media:
5.1.1. Suitable extinguishing media:
Water mist, foam, dry chemicals, carbon dioxide.
5.1.2. Unsuitable extinguishing media:
Do not use water jet as it could displace and spread the fire.
- 5.2. Special hazards arising from the substance or mixture:
The generation of hazardous combustion products depends largely on burning conditions. A complex mixture of airborne solid, liquid and gaseous substances may be formed, such as carbon monoxide, carbon dioxide, nitrogen oxides, phosphorus oxides, sulphur oxides and other unknown chemical combinations.
The inhalation of vapours formed during the fire and of other combustion products may cause serious health conditions.
- 5.3. Advice for firefighters:
Wear suitable complete protective clothing and self-contained breathing apparatus (SCBA). The protective equipment must comply with Government Decision 160/2007.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions, protective equipment and emergency procedures:
6.1.1. For non-emergency personnel:
The access to the accident site shall be allowed only to personnel trained on how to extinguish the fire, wearing suitable protective clothing.
6.1.2. For emergency responders:
Do not get in eyes, on skin, or on clothing.
Do not allow access to unauthorised persons.
Wear suitable personal protective equipment.
- 6.2. Environmental precautions:
The product released into the environment, as well as the waste generated by its use, shall be subject to the environment protection regulations in force. Prevent infiltration of product and waste product residues into the underground water, soil or sewage system. Immediately notify the competent authority in case of environment pollution.
- 6.3. Methods and material for containment and cleaning up:
Stop leak if safe to do so. Absorb spillage using non-combustible absorbent (e.g. sand, earth material) and store the collected waste into suitable hazardous waste containers, which must be sealed and properly labelled until disposal.
Ensure suitable ventilation. During waste collection/ storage/ disposal the use of suitable protective equipment is recommended.
- 6.4. Reference to other sections:
For further information see sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

- 7.1. Precautions for safe handling:
Compliance with hygiene rules is mandatory.
Do not get in eyes, on skin, or on clothing.
Do not put any product impregnated rags in the pockets of work clothing. Take off contaminated clothing.
Keep away from food, drink and animal feeding stuffs.
Do not eat, drink or smoke when using this product.
Wash your hands before breaks and at the end of the work shift.
Technical measures:
Ensure suitable ventilation. Instructions for fire and explosion prevention, safety precautions in case of fire.
Comply with precautionary measures.
Take precautionary measures against static discharge.
- 7.2. Conditions for safe storage, including any incompatibilities:
Instructions for safe storage:
Keep the product in the original container, which must be sealed and properly labelled.
Storage temperature: -5 °C and +40 °C.
Storage life: 5 years after manufacture date.
Conditions to avoid: high temperatures, ignition sources.
Incompatible materials: strong oxidizers.
Packaging/ storage material: not specified.
- 7.3. Specific end use(s):

SAFETY DATA SHEET

According to Regulation (EC) no. 1907/2006, as amended by Regulation (EC) no. 1272/2008 and Regulation (EU) no. 453/2010

LUKOIL ATF SYNTH VI

Full synthetic fluid for automatic transmissions, for professional and consumer use.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits according to Law 319/2006 on occupational health and safety and Government Decision 1/2012 amending and supplementing GD 1218/2006 on setting minimum requirements for safety and health at work to ensure the protection of workers from risks related to chemical agents - Annex 1:

Mineral oils:

Maximum limit value:
8 hours: 5 mg/ m³
Short term: 10 mg/ m³

Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8):

Other: environment (PNEC)

Distillates (petroleum), hydrotreated light paraffinic: PNEC: oral, 9.33 mg/ kg food.

8.2. Exposure controls:

In the case of hazardous materials without quantity limitations, the employer shall reduce the rate of exposure to a minimum; the aim will be to achieve a technically and scientifically proved non-harmful level.

8.2.1. Appropriate engineering controls:

Suitable precautionary measures are needed during work to prevent spillage on platforms, clothing and floors and to avoid any contact with eye and skin.

Do not breathe vapours/ spray.

Ensure suitable ventilation. The protective equipment must comply with Government Decision 160/2007.

8.2.2. Individual protection measures, such as personal protective equipment:

1. Eye/ face protection: Wear suitable safety glasses with side shields to avoid eye contact (EN 166).

2. Skin protection:

a. Hand protection: Wear suitable oil resistant protective gloves (made of PVC or nitrile rubber, EN 374 and EN 420). Replace protective gloves at first signs of wear.

b. Others: Wear suitable protective clothing (anti-static) to avoid skin contact with oil.

3. Respiratory protection: Usually not required. Where spray or vapours are produced, or in case of frequent or intensive exposure, wear suitable respiratory protection (EN 140, EN 141).

4. Thermal hazards: Unknown.

8.2.3 Environmental exposure controls:

No specific instructions.

Section 8 lists provisions on the proper use of the product, under normal environmental conditions. If the product is used in special working conditions new protective measures must be adopted, suitable equipment and protective clothing must be worn and expert advice must be sought.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

Parameter	Liquid	Test method	Comments
1. Appearance:	Colour: Specific		
2. Odour:	Specific for petroleum products		
3. Odour threshold:	No data available		
4. pH:	No data available		
5. Melting point/ freezing point:	- 45 °C		
6. Initial boiling point and boiling range:	No data available		
7. Flash point:	min. 180 °C		
8. Evaporation rate/ NOACK evaporation loss:	No data available		
9. Flammability (solid, gas):	No data available		
10. Upper/ lower flammability or explosive limits:	No data available		
11. Vapour pressure:	No data available		
12. Vapour density:	No data available		
13. Relative density:	No data available		

SAFETY DATA SHEET

According to Regulation (EC) no. 1907/2006, as amended by Regulation (EC) no. 1272/2008 and Regulation (EU) no. 453/2010

LUKOIL ATF SYNTH VI

14. Solubility(ies):	Not soluble in water		
15. Partition coefficient: n-octanol/ water:	No data available		
16. Auto-ignition temperature:	No data available		
17. Decomposition temperature:	No data available		
18. Viscosity:	approx. 32 cSt	40 °C	
19. Explosive properties:	No data available		
20. Oxidising properties:	No data available		

- 9.2. Other information:
Density at 20 °C: 0.845 g/ cm³

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:
Unknown.
- 10.2. Chemical stability:
The product is stable under normal conditions of use and storage.
- 10.3. Possibility of hazardous reactions:
Under normal circumstances it is not expected that hazardous reactions appear.
- 10.4. Conditions to avoid:
High temperatures, sources of ignition.
- 10.5. Incompatible materials:
Strong oxidisers.
- 10.6. Hazardous decomposition products:
Does not decompose under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION

- 11.1. Information on toxicological effects:
Acute toxicity: Based on available data, the classification criteria are not met.
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.
Contains Alkoxylated long-chain alkylamine. May cause an allergic reaction.
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 (specific target organ toxicity) — single exposure: Based on available data, the classification criteria are not met.
STOT (specific target organ toxicity) — repeated exposure: Based on available data, the classification criteria are not met.
Aspiration hazard: Based on available data, the classification criteria are not met.
- 11.1.1. Summary of clinical results:
Not available.
- 11.1.2. Toxicological properties of the mixture:
No data available for the mixture as such.
Information on the components:
Mineral oil:
Dermal LD50, Rabbit: > 5 000 mg/ kg
Oral LD50, Rat: > 5 000 mg/ kg
Alkoxy sulfonate:
Dermal LD50, Rabbit: > 2 000 mg/ kg
Oral LD50, Rat: > 2 000 mg/ kg
Alkyl amine:
Test: *in vitro*, Subject: bacteria, Result: Negative
Solvent red dye (comparable to C.I. 19 Solvent Red) (CAS 56358-09-9/57712-94-4):
Oral LD50, rat: > 7500 mg/ kg
Carcinogenicity: Similar products have recorded a moderate carcinogenic effect, in accordance with the laboratory studies carried out on animals. There is always a risk of skin cancer in the event of prolonged or repeated exposure and in the absence of appropriate personal hygiene. Occasional contact with the skin will not cause serious effects, but in accordance with the rules of good personal hygiene, direct and repeated contact should be avoided. This product can also cause a moderate irritation of the skin in case of prolonged or repeated contact. Personal hygiene measures must be taken to prevent skin irritation, but also to prevent the risk of skin cancer. There have been cases in which some azo

SAFETY DATA SHEET

According to Regulation (EC) no. 1907/2006, as amended by Regulation (EC) no. 1272/2008 and Regulation (EU) no. 453/2010

LUKOIL ATF SYNTH VI

dyes, from a group of dyes, may be enzymatically absorbed into the body. In this case, Solvent Red 19 and similar dyes like o-toluidine may form such a group. These chemicals have been identified as being carcinogenic in accordance with the laboratory studies carried out on animals.

Hydrocarbons, C10, aromatics, >1% naphthalene / Hydrocarbons, C10-C13, aromatics, >1% naphthalene:

Acute toxicity:

Oral LD50: > 2 000 mg/ kg

Dermal LD50: > 2 000 mg/ kg

Inhalation LC50, 4 hours: > 5 mg/ l

Skin sensitisation, guinea pig: Result: Negative.

Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8):

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

LD50 (oral): > 5 000 mg/ kg;

LC50 (inhalation): > 5.0 mg/ L;

LD50 (dermal, mouse): > 2 000 mg/ kg (practically non-toxic).

Skin corrosion/irritation: Only mild irritant or non-irritant to rabbit and human skin.

Serious eye damage/irritation:

Practically non-irritating.

Respiratory or skin sensitisation:

Respiratory: Not expected to cause respiratory sensitisation.

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

Germ cell mutagenicity: The substance was not found to be mutagenic.

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

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

Reproductive toxicity: Dermal NOAEL (development) > 2 000 mg/ kg. The substance showed no effects on reproductive parameters.

STOT — single exposure: Not classified due to the lack of data.

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

Repeated sub-chronic dose, dermal: NOAEL 1 000 mg/ kg.

Repeated sub-chronic dose, inhalation: NOAEL (local effects) > 220 mg/ m³

Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)

(the kinematic viscosity of the substance is 37 mm²/s at 40 °C):

Basis for assessment: The information given is based on ingredient-related data and on the toxicology of similar products.

Likely routes of exposure: Skin and eye contact are the primary routes of exposure, although exposure may also occur following accidental ingestion.

Acute oral toxicity: Low toxicity: LD50 > 5 000 mg/ kg, rat

Acute dermal toxicity: Low toxicity: LD50 > 5 000 mg/ kg, rabbit

Acute inhalation toxicity: Low toxicity: LC50 > 5 mg/ L, 4 h, rat

Skin corrosion/irritation: Probably a mild irritant. Prolonged/repeated contact may cause skin degreasing, which may lead to dermatitis.

Serious eye damage/irritation: Probably a mild irritant.

Respiratory tract irritation: Inhalation of vapours or mist may cause irritation.

Respiratory or skin sensitisation: Not expected to cause skin sensitisation.

Aspiration hazard: If swallowed or vomited, it may be aspirated into the lungs producing chemical pneumonia, which can be lethal.

Germ cell mutagenicity: Not expected to be mutagenic.

Carcinogenicity: Not expected to be carcinogenic. The product contains mineral oils of types shown to be non-carcinogenic in animal skin-painting studies. Highly refined mineral oils are not classified as carcinogenic by the International Agency for Research on Cancer (IARC).

Carcinogenicity classification

ACGIH group: A4: Not classifiable as a human carcinogen.

IARC 3: Not classifiable as to carcinogenicity to humans.

GHS (Globally Harmonized System of Classification and Labelling of Chemicals) / CLP (Classification, Labelling and Packaging of Substances and Mixtures): No classification for carcinogenicity

Reproductive and developmental toxicity: Not expected to be hazardous.

Specific target organ toxicity — repeated exposure: Not expected to be hazardous.

Additional information: Used oils may contain harmful impurities accumulated during use. The level of such impurities will depend on use and they may present risks to health and environment on disposal. ALL used oils should be handled with caution and skin contact should be avoided as far as possible.

11.1.3. Information on likely routes of exposure.

SAFETY DATA SHEET

According to Regulation (EC) no. 1907/2006, as amended by Regulation (EC) no. 1272/2008 and Regulation (EU) no. 453/2010

LUKOIL ATF SYNTH VI

- Ingestion, inhalation, skin contact, eye contact.
- 11.1.4. Symptoms related to the physical, chemical and toxicological characteristics:
Not available.
- 11.1.5. Delayed and immediate effects as well as chronic effects from short and long term exposure:
Contains Alkoxyated long-chain alkylamine. May cause an allergic reaction.
- 11.1.6. Interactive effects:
Not available.
- 11.1.7. Absence of specific data:
Not available.
- 11.1.8. Other information:
Not available.

SECTION 12: ECOLOGICAL INFORMATION

- 12.1. Toxicity:
There is no ecotoxicological data available for the mixture; the classification has been carried out using the calculation method based on the data available for the ingredients. It is not classified as dangerous for the environment.
Information on ingredients:
Alkoxy sulfonate:
Acute, EC50 (Algae): 3.5 mg/L/72h
Acute, EC50 (Daphnia): 2.5 mg/L/48h
Acute, LC50 (Fish): 4.2 mg/L/96h
Hydrocarbons, C10, aromatics, >1% naphthalene / Hydrocarbons, C10-C13, aromatics, >1% naphthalene:
BOD: 52%, CEFIC ecotoxicological data sources: Hazardous to the aquatic environment if discharged in water courses.
Toxicological data: LC50, 96 hours, fish: 1 - 10 mg/L
LC50, 48 hours, Daphnia: 1 - 10 mg/L
LC50, 72 hours, algae: 1 - 10 mg/L
Distillates (petroleum), hydrotrated light paraffinic (CAS 64742-55-8):
The product is not classified as harmful to aquatic organisms.
Aquatic acute invertebrate EL50: > 10 000 mg/L.
Aquatic acute algae NOEL: > 100 mg/L.
Acute fish LL50: > 100 mg/L.
Longterm invertebrate NOEL 10 mg/L.
Longterm fish NOEL 10 mg/L.
Distillates (petroleum), hydrotrated heavy paraffinic (CAS 64742-54-7)
(the kinematic viscosity of the substance is 37 mm²/s at 40 °C):
Basis for assessment: Ecotoxicological data have not been determined specifically for this product. The information given is based on knowledge of the constituents and on the ecotoxicology of similar products.
Acute toxicity: Poorly soluble mixture. May cause poisoning of aquatic organisms. It is considered practically non-toxic: LL/EL/IL50 > 100 mg/L (to aquatic organisms LL/EL50 expressed as the nominal amount of product required to prepare the aqueous test extract. The mineral oil is not expected to cause any chronic effects to aquatic organisms at concentrations less than 1 mg/L.
Microorganisms: It is considered practically non-toxic: LC/EC/IC50 > 100 mg/L
- 12.2. Persistence and degradability:
No data available for the mixture as such.
Information on the components:
Alkoxy sulfonate:
Biodegradability: Not readily biodegradable.
Long-chain alkenyl imidazoline alkanol:
Biodegradability: Readily biodegradable.
Distillates (petroleum), hydrotrated light paraffinic (CAS 64742-55-8):
Not readily biodegradable but inherently biodegradable [(approx. 30% degradation in 24 days (OECD method 301 F)].
Distillates (petroleum), hydrotrated heavy paraffinic (CAS 64742-54-7)
(the kinematic viscosity of the substance is 37 mm²/s at 40 °C):
The major constituents are expected to be inherently biodegradable, but the product contains components that may persist in the environment.
- 12.3. Bioaccumulative potential:
No data available for the mixture as such.
Information on the components:
Distillates (petroleum), hydrotrated light paraffinic (CAS 64742-55-8):
Not available
Distillates (petroleum), hydrotrated heavy paraffinic (CAS 64742-54-7)

SAFETY DATA SHEET

According to Regulation (EC) no. 1907/2006, as amended by Regulation (EC) no. 1272/2008 and Regulation (EU) no. 453/2010

LUKOIL ATF SYNTH VI

(the kinematic viscosity of the substance is 37 mm²/s at 40 °C):

Contains components with the potential to bioaccumulate.

12.4. Mobility in soil:

Information on the components:

Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8):

The product is a water-insoluble oil and may form a film on water.

Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)

(the kinematic viscosity of the substance is 37 mm²/s at 40 °C):

Liquid in most environmental conditions. If the product enters soil, it will adsorb to soil particles and will not be mobile.

Floats on water.

12.5. Results of the PBT and vPvB assessment:

The product does not contain any component that meets the criteria for PBT or vPvB substances.

12.6. Other adverse effects:

Information on the components:

Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)

(the kinematic viscosity of the substance is 37 mm²/s at 40 °C):

The product is a mixture of non-volatile components, which are not expected to be released to air in any significant quantities. Not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods:

Disposal shall be carried out in accordance with the local/national regulations in force.

Legislation on waste disposal:

Law 211/2011 on the regime of waste

Law no. 278/2013 on industrial emissions

Government Decision 1061/2008 on transport of hazardous and non-hazardous waste on the territory of Romania

Government Decision 235/2007 on the management of waste oils

Government Decision 349/2005 on landfilling

Order no. 756/2004 of the Minister of Waters, Forestry and Environment approving the technical regulations on waste incineration

Government Decision 856/2002 on waste management records and approving the list of waste, including hazardous waste

13.1.1. Waste treatment methods:

Product waste should be treated as hazardous waste and handed over to collection points authorized in accordance with the legislation in force.

Waste code: **13 02 06*** synthetic engine, gear and lubricating oils

* Hazardous Waste

13.1.2. Container treatment methods:

Disposal shall be carried out in accordance with the local/national regulations in force.

13.1.3. Physical-chemical properties that may affect waste treatment options:

Unknown.

13.1.4. Disposal to sewage system:

Unknown.

13.1.5. Special precautions for any recommended waste treatment option:

Not available.

SECTION 14: TRANSPORT INFORMATION

Not classified as a dangerous product under transport regulations.

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:

There is no information in this respect.

14.6. Special precautions for users:

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SAFETY DATA SHEET

According to Regulation (EC) no. 1907/2006, as amended by Regulation (EC) no. 1272/2008 and Regulation (EU) no. 453/2010

LUKOIL ATF SYNTH VI

Make sure that the personnel in charge of product transport are informed of the measures to be taken in the event of an accident or leakage.

- 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:

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

Directive 1999/45/EC of the European Parliament and of the Council of 31 May 1999 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations

Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures - amending and repealing Directive 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006.

Commission Regulation (EU) No. 453/2010 of 20 May 2010 amending Regulation (EC) No. 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

National regulations:

Government Decision 1408/2008 on the classification, packaging and labelling of dangerous substances.

Government Decision 937/2010 on the classification, packaging and labelling of dangerous preparation when placed on the market

Law 360/2003 on the regime of hazardous chemical substances and preparations

Law 263/2005 amending and supplementing Law 360/2003 on the regime of hazardous chemical substances and preparations

Law 254/2011 amending article 26 of Law no. 360/2003 on the regime of hazardous chemical substances and preparations

Government Emergency Ordinance no. 122/2010 on setting sanctions applicable for the infringement of Regulation (EC) no. 1272/2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) no. 1907/2006.

Government Decision no. 398/2010 on establishing measures for application of Regulation (EC) no. 1272/2008 on classification, labelling and packaging of substances and mixtures

- 15.2. Chemical Safety Assessment: No information available.

SECTION 16: OTHER INFORMATION

Data on the revision of the safety data sheet: None.

Full text of abbreviations included in the safety data sheet:

DNEL: Derived no effect level. PNEC: Predicted no effect concentration. CMR effects: Carcinogenicity, Mutagenicity and Reproductive toxicity. PBT: Persistent, Bioaccumulative and Toxic. vPvB: very Persistent and very Bioaccumulative. N.D.: Not defined. N.A.: Not applicable.

Bibliography / sources used: information supplied by the manufacturer, safety data sheets for the raw materials.

Text of the R phrases found at items 2 and 3 of the safety form:

R 22 – Harmful if swallowed.

R 34 – Causes burns.

SAFETY DATA SHEET

According to Regulation (EC) no. 1907/2006, as amended by Regulation (EC) no. 1272/2008 and Regulation (EU) no. 453/2010

LUKOIL ATF SYNTH VI

- R 36** - Irritating to eyes.
R 36/ 37/ 38 - Irritating to eyes, respiratory system and skin.
R 40 - Limited evidence of a carcinogenic effect.
R 43 - May cause sensitisation by skin contact.
R 50 - Very toxic to aquatic organisms.
R 50/ 53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 51/ 53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 52/ 53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 65 - Harmful: may cause lung damage if swallowed.
R 66 - Repeated exposure may cause skin dryness or cracking.
R 67 - Vapours may cause drowsiness and dizziness.
Text of the H phrases found at items 2 and 3 of the safety form:
H302 - Harmful if swallowed.
H304 - May be fatal if swallowed and enters airways.
H314 - Causes severe skin burns and eye damage.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.
H336 - May cause drowsiness or dizziness.
H351 - Suspected of causing cancer
H400 - Very toxic to aquatic life.
H410 - Very toxic to aquatic life with long lasting effects.
H411 - Toxic to aquatic life with long lasting effects.
H412 - Harmful to aquatic life with long lasting effects.
EUH 066 - Repeated exposure may cause skin dryness or cracking.
EUH 208 - Contains Alkoxylated long-chain alkylamine. May cause an allergic reaction.
EUH 210 - Safety data sheet available on request.

Advice on refresher and training courses: No data available.


This Safety Data Sheet is based on the national legislation and on our current knowledge on the product at the time of preparation. The purpose of this SDS is to describe the product from the point of view of its safety in use, handling and transport. The physical and chemical data describe the product from the point of view of safety requirements and do not guarantee the specific properties of the product, as mentioned in the product specification or in the contract. The manufacturer and distributor shall not be liable for the use of the product otherwise than recommended. It is always the responsibility of the user to take all the precautionary measures described in each section of this SDS, in order to ensure safe use of the product.

SAFETY DATA SHEET

According to Regulation (EC) no. 1907/2006, as amended by Regulation (EC) no. 1272/2008 and Regulation (EU) no. 453/2010

LUKOIL ATF SYNTH VI

Label complying with Regulation (EC) No. 1272/2008:

LUKOIL ATF SYNTH VI Full synthetic fluid for automatic transmissions.	
<p>P phrases on precautionary measures:</p> <p>P102 — Keep out of reach of children.</p> <p>P501 — Dispose of contents/ container in accordance with national regulations.</p> <p>EUH 208 — Contains Alkoxylated long-chain alkylamine. May cause an allergic reaction.</p> <p>In case of mixtures intended for use by non-consumers, the following mention must appear on the mixture label:</p> <p>EUH 210 — Safety data sheet available on request.</p>	
Storage life: 5 years after manufacture date	Packaging of 1 L (52 x 74 mm) Packaging of 4, 5, and 20 L (74 x 105 mm) Packaging of 200 L (105 x 148 mm) Packaging of 1 000 L (148 x 210 mm)
	LUKOIL LUBRICANTS EAST EUROPE 11-15 Tipografilor Str., A-2 building, ground floor, 013714, Bucharest, Romania. Postcode 013714 Tel.: +4021 2272350 Fax: +40 212323295 Emergency telephone number: + 40 244504651, Monday to Friday, from 08:00 to 16:30