

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 01/08/2011 Revision date: 21/02/2024 Supersedes version of: 05/12/2023 Version: 11.4

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

1.1. Product identifier

Product form	: Mixture
Product name	: WOLF VITALTECH ATF D III
UFI	: T66J-HNG2-W80G-24RS
Product code	: 3006
Type of product	: WOLF
Product group	: Blend

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

1.2.1. Relevant identified uses

Main use category Industrial/Professional use spec Industrial use, Professional use, Consumer use
 Non-dispersive use Used in closed systems
 Lubricants and additives

Function or use category 1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

WOLF OIL CORPORATION N.V. Georges Gilliotstraat, 52 2620 Hemiksem, Antwerpen België T 0032 (0)3 870 00 00, F 0032 (0)3 870 00 99 msds@wolfoil.com, https://www.wolflubes.com/

1.4. Emergency telephone number

Emergency number

: 0032 (0)3 870 00 00

Country/Area	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
Israel	Israel Poison Information Center Rambam Health Care Campus	6 Ha'Aliya Street 31096	+972 4 854 1900	
Malta	Medicines & Poisons Info Office	Mater Dei Hospital Msida MSD 2090	+356 2545 6508	
Sweden	Giftinformationscentralen	Box 60 500 171 76 Stockholm	112 – begär Giftinformation +46 10 456 6700 (Från utlandet)	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin sensitisation, Category 1

H317

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Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements	
Labelling according to Regulation (EC)	No. 1272/2008 [CLP]
Hazard pictograms (CLP)	
	GHS07
Signal word (CLP)	: Warning
Contains	 Reaction product of: polyethylene-polyamine-(C16-C18)-alkylamides with monothio-(C2)- alkyl phosphonates
Hazard statements (CLP)	: H317 - May cause an allergic skin reaction.
Precautionary statements (CLP)	 P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children. P280 - Wear protective gloves, protective clothing. P302+P352 - IF ON SKIN: Wash with plenty of soap and water. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Comments

: The mineral oils in the product contain < 3% DMSO extract (IP 346)

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Baseoil - unspecified	CAS-No.: 64742-54-7 EC-No.: 265-157-1 EC Index-No.: 649-467-00-8	40 – 60	Not classified
Base oil : distillates hydrotreated light paraffinic	CAS-No.: 64742-55-8 EC-No.: 265-158-7 EC Index-No.: 649-468-00-3 REACH-no: 01-2119487077- 29	10 – 24.99	Not classified
Distillates (petroleum), hydrotreated heavy paraffinic	CAS-No.: 64742-54-7 EC-No.: 265-157-1 EC Index-No.: 649-467-00-8 REACH-no: 01-2119484627- 25	10 – 24.99	Not classified

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Reaction product of: polyethylenepolyamine-(C16- C18)-alkylamides with monothio-(C2)-alkyl- phosphonates	EC-No.: 417-450-2 EC Index-No.: 650-042-00-4 REACH-no: 01-0000016426- 70	1 – 2.49	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 3, H412
Distillates (petroleum), hydrotreated light naphthenic	CAS-No.: 64742-53-6 EC-No.: 265-156-6 EC Index-No.: 649-466-00-2 REACH-no: 01-2119480375- 34	1.1088	Not classified
Baseoil - unspecified	CAS-No.: 72623-87-1 EC-No.: 276-738-4 EC Index-No.: 649-483-00-5 REACH-no: 01-2119474889- 13	1.1088	Not classified
Base oil : distillates hydrotreated light paraffinic	CAS-No.: 64742-55-8 EC-No.: 265-158-7 EC Index-No.: 649-468-00-3 REACH-no: 01-2119487077- 29	1.1088	Not classified
Baseoil - unspecified	CAS-No.: 72623-86-0 EC-No.: 276-737-9 EC Index-No.: 649-482-00-X REACH-no: 01-2119474878- 16	1.1088	Not classified
Distillates (petroleum), solvent-dewaxed light paraffinic	CAS-No.: 64742-56-9 EC-No.: 265-159-2 EC Index-No.: 649-469-00-9	1.1088	Not classified

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures	
First-aid measures after inhalation First-aid measures after skin contact First-aid measures after eye contact First-aid measures after ingestion	 Not expected to require first aid measures. Wash skin with mild soap and water. In case of eye contact, immediately rinse with clean water for 10-15 minutes. Do not induce vomiting. Rinse mouth. Get immediate medical advice/attention.
4.2. Most important symptoms and effects	, both acute and delayed
Symptoms/effects after inhalation	: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
Symptoms/effects after skin contact	: Not expected to present a significant skin hazard under anticipated conditions of normal use.
Symptoms/effects after eye contact	: Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
Symptoms/effects after ingestion	: Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

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

No additional information available

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SECTION 5: Firefighting measure	es
5.1. Extinguishing media	
Suitable extinguishing media Unsuitable extinguishing media	Water fog. Foam. Powder. Dry chemical product.Do not use a heavy water stream.
5.2. Special hazards arising from the	substance or mixture
No additional information available	
5.3. Advice for firefighters	
Precautionary measures fire Firefighting instructions Protection during firefighting	 Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental release m	neasures
6.1. Personal precautions, protective	e equipment and emergency procedures
6.1.1. For non-emergency personnel Protective equipment	: Wear suitable protective clothing and gloves.
6.1.2. For emergency responders Protective equipment	: Wear suitable protective clothing and gloves.
6.2. Environmental precautions	
Prevent entry to sewers and public waters. N	lotify authorities if product enters sewers or public waters.
6.3. Methods and material for contain	nment and cleaning up
For containment	: Impound and recover large spill by mixing it with inert granular solids.

For containment	: Impound and recover large spill by mixing it with inert granular solids.
Methods for cleaning up	: Detergent. Take up liquid spill into absorbent material sand, saw dust, kieselguhr.
Other information	: Spill area may be slippery. Use suitable disposal containers.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Avoid all unnecessary exposure. Both local exhaust and general room ventilation are usually required.
Handling temperature Hygiene measures	 : < 40 °C : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
7.2. Conditions for safe storage, inclue	ding any incompatibilities
Storage temperature Storage area	: ≤ 40 °C : Store in dry, cool, well-ventilated area.

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

WOLF VITALTECH ATF D III		
Belgium - Occupational Exposure Limits		
OEL TWA 5 mg/m ³		
OEL STEL 10 mg/m ³		
Distillates (petroleum), solvent-dewaxed light paraffinic (64742-56-9)		
Netherlands - Occupational Exposure Limits		
Local name smeeroliën (aardolie), C24-50-, solventgeëxtraheerd, van was ontdaan, gehydrogeneerd		
TGG-8u (OEL TWA) 5 mg/m ³		
Remark	Nevels	

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information available

8.2.2. Personal protection equipment

Personal protective equipment:

Safety glasses. Gloves.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

No additional information available

8.2.2.2. Skin protection

Skin and body protection:

No special clothing/skin protection equipment is recommended under normal conditions of use

Hand protection:

Permeation time: minimum >480min long term exposure; material / thickness [mm]: >0,35 mm. Nitrile rubber (NBR) /

8.2.2.3. Respiratory protection

Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.

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8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: red.
Appearance	: Oily liquid.
Odour	: Characteristic.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: > 200 °C @ ASTM D92
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
рН	: Not available
Viscosity, kinematic	: 36.4 mm²/s @ 40°C
Solubility	: Slightly soluble, the product remains on the water surface.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 847 kg/m³ @15°C
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

None under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal conditions.

10.4. Conditions to avoid

No data available.

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10.5. Incompatible materials

Strong oxidizers. acids. Bases.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11: Toxicological information 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 Acute toxicity (oral) : Not classified Not classified Acute toxicity (dermal) Acute toxicity (inhalation) Not classified Distillates (petroleum), hydrotreated light naphthenic (64742-53-6) LD50 oral rat > 5000 mg/kg LD50 dermal rabbit > 2000 mg/kg LC50 Inhalation - Rat (Dust/Mist) > 5.53 mg/l/4h Distillates (petroleum), solvent-dewaxed light paraffinic (64742-56-9) LD50 oral rat > 5000 mg/kg LD50 dermal rabbit > 5000 mg/kg LC50 Inhalation - Rat (Dust/Mist) 5.53 mg/l/4h Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7) LD50 oral rat > 5000 mg/kg LD50 dermal rabbit > 3000 mg/kg : Not classified Skin corrosion/irritation Serious eye damage/irritation : Not classified Respiratory or skin sensitisation : May cause an allergic skin reaction. Germ cell mutagenicity : Not classified Carcinogenicity Not classified : Not classified Reproductive toxicity STOT-single exposure : Not classified STOT-repeated exposure : Not classified Aspiration hazard : Not classified WOLF VITALTECH ATF D III 36.4 mm²/s @ 40°C Viscosity, kinematic Distillates (petroleum), hydrotreated light naphthenic (64742-53-6) 3.6 mm²/s Viscosity, kinematic Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7) Viscosity, kinematic 40 mm²/s

11.2. Information on other hazards

No additional information available

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SECTION 12: Ecological information		
12.1. Toxicity		
Hazardous to the aquatic environment, short-term : (acute)	*This product contains one or more components that have a branched alkylphenol impurity, which is very toxic for aquatic organisms (mentioned in chapter 3). The components containing this impurity, are tested and are not toxic for aquatic organisms. This is why the data from chapter 3 concerning the alkylphenol impurity cannot be used for the classification of the product regarding the aquatic toxicity. Not classified Not classified.	
Distillates (petroleum), hydrotreated light nap	hthenic (64742-53-6)	
LC50 - Fish [1]	> 100 mg/l @96h LL50	
LC50 - Other aquatic organisms [1]	> 10000 mg/l @96h - Aquatic invertebrates- LL50	
NOEC (acute)	> 100 mg/l Algae - NOEL	
NOEC (chronic)	10 mg/l Aquatic invertebrates - NOEL	
12.2. Persistence and degradability		
WOLF VITALTECH ATF D III		
Persistence and degradability	Not soluble in water, so only minimally biodegradable.	
Distillates (petroleum), hydrotreated light nap	hthenic (64742-53-6)	
Persistence and degradability	May biodegrade.	
Baseoil - unspecified (72623-87-1)		
Persistence and degradability	Rapidly degradable	
Base oil : distillates hydrotreated light paraffi	nic (64742-55-8)	
Persistence and degradability	Rapidly degradable	
Baseoil - unspecified (72623-86-0)		
Persistence and degradability	Rapidly degradable	
Distillates (petroleum), solvent-dewaxed light	paraffinic (64742-56-9)	
Persistence and degradability	Rapidly degradable	
Base oil : distillates hydrotreated light paraffi	nic (64742-55-8)	
Persistence and degradability	Rapidly degradable	
Baseoil - unspecified (64742-54-7)		
Persistence and degradability	Rapidly degradable	
Reaction product of: polyethylenepolyamine-	(C16-C18)-alkylamides with monothio-(C2)-alkyl-phosphonates	
Persistence and degradability	Rapidly degradable	
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)		
Persistence and degradability	Rapidly degradable	

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Distillates (petroleum), hydrotreated light naphthenic (64742-53-6) Partition coefficient n-octanol/water (Log Pow) 6 Partition coefficient n-octanol/water (Log Now) > 3 12.4. Mobility in soil > 3 No additional information available Intervention available 12.5. Results of PBT and vPVB assessment No additional information available 12.6. Endocrine disrupting properties No additional information available 12.7. Other adverse effects No additional information available SECTION 13: Disposal considerations Intervention available 13.1. Waste treatment methods Intervention available SECTION 14: Transport information : Dispose in a safe manner in accordance with local/national regulations. SECTION 14: Transport information : Dispose in a safe manner in accordance with local/national regulations. SECTION 14: Transport information : Dispose in a safe manner in accordance with local/national regulations. SECTION 14: Transport information : Dispose in a safe manner in accordance with local/national regulations. SECTION 14: Transport information : Dispose in a safe manner in accordance with local/national regulations. SECTION 14: Transport information : Dispose in a safe manner in accordance with local/national regulations. 141. UN number	12.3. Bioaccumulative potential	
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14.3. Transport hazard class(es) ADR	Proper Shipping Name (ADN)	
ADR		
	ADR Transport hazard class(es) (ADR)	: Not applicable
MDG	IMDG	
	Transport hazard class(es) (IMDG)	: Not applicable
ΑΤΑ	ΙΑΤΑ	
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14.4. Packing group

Packing group (ADR)	: Not applicable
Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable

14.5. Environmental hazards

Other information

: No supplementary information available

14.6. Special precautions for user

Overland transport

No data available

Transport by sea

No data available

Air transport

No data available

Inland waterway transport No data available

Rail transport

No data available

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

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Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

Germany	
Water hazard class (WGK) Hazardous Incident Ordinance (12. BImSchV)	 WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1). Is not subject of the Hazardous Incident Ordinance (12. BImSchV)
Netherlands	
SZW-lijst van kankerverwekkende stoffen	: Distillates (petroleum), hydrotreated light naphthenic,Base oil : distillates hydrotreated light paraffinic,Distillates (petroleum), solvent-dewaxed light paraffinic,Base oil : distillates hydrotreated light paraffinic,Baseoil - unspecified,Distillates (petroleum), hydrotreated heavy paraffinic are listed
SZW-lijst van mutagene stoffen	: Distillates (petroleum), hydrotreated light naphthenic,Base oil : distillates hydrotreated light paraffinic,Distillates (petroleum), solvent-dewaxed light paraffinic,Base oil : distillates hydrotreated light paraffinic,Baseoil - unspecified,Distillates (petroleum), hydrotreated heavy paraffinic are listed
SZW-lijst van reprotoxische stoffen – Borstvoeding	: None of the components are listed
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid	: None of the components are listed
SZW-lijst van reprotoxische stoffen – Ontwikkeling	: None of the components are listed
Denmark	
Danish National Regulations	: Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier

SECTION 16: Other information

Indication of changes			
Section	Changed item	Change	Comments
	Revision date	Modified	
	Supersedes	Modified	
1.1	UFI on SDS 1.1	Removed	
3	Composition/information on ingredients	Modified	

Abbreviations and ac	ronyms:
	ACGIH: American Conference of Governmental Industrial Hygienists
	TWA: Time Weighted Average
	TLV: Threshold Limit Value
	ASTM: American Society for Testing and Materials
	ADR: Accord Européen Relatif au Transport International des Marchandises Dangereuses par Route
	RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail
	ADNR: Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin

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Abbreviations and acr	ronyms:
	IMDG: International Maritime Dangerous Goods
	ICAO: International Civil Aviation Organization
	IATA: International Air Transport Association
	STEL: Short Term Exposure Limit
	LD50: median Lethal Dose for 50% of subjects
	ATE: acute toxicity estimate
	LC50: median Lethal Concentration for 50% of subjects
	EC50: concentration producing 50% effect

Other information

: The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

Full text of H- and EUH-statements:	
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.