

**AD ATF MV**

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) &amp; 2020/878

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier**

Product Name AD ATF MV  
Product code AMV199, AMV020

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

Identified Use(s) Transmission Fluid.  
Uses Advised Against Not known.

**1.3 Details of the supplier of the safety data sheet**

Manufacturer  
Company Identification Granville Oil & Chemicals Ltd.  
Address of Manufacturer 29 Goldthorpe Ind. Est.,  
Goldthorpe,  
Rotherham,  
South Yorkshire,  
Postal code S63 9BL  
Telephone: +44 (0)1709 890099  
Fax Not known.  
E-mail lab@granvilleoil.com  
Office hours

Supplier  
Company Identification Veedol Deutschland GmbH  
Address of Supplier Hans-Böckler-Straße 10  
Langenfeld,  
Germany

Postal code 40764  
Telephone: +44 (0)1709 890099  
Fax Not known.  
E-mail lab@granvilleoil.com  
Office hours 08:00 - 17:00

**1.4 Emergency telephone number**

Emergency Phone No. +44 (0)1709 890099  
Contact Granville Lab

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Regulation (EC) No. 1272/2008 (CLP) Aquatic Chronic 3 :Harmful to aquatic life with long lasting effects.

**2.2 Label elements**

According to Regulation (EC) No. 1272/2008 (CLP)

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Product Name	AD ATF MV
Hazard Pictogram(s)	None.
Signal Word(s)	None.
Hazard Statement(s)	H412: Harmful to aquatic life with long lasting effects. EUH208: Contains: (2-octadecenylsuccinic anhydride, thiodiethanol esterification products) May produce an allergic reaction.
Precautionary Statement(s)	P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P103: Read label before use. P273: Avoid release to the environment. P501: Dispose of contents in accordance with local, state or national legislation.

**2.3 Other hazards**

None known.

**2.4 Additional Information**

For full text of H/P Statements see section 16.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substances**

Not applicable.

**3.2 Mixtures**

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based Baseoil - unspecified	72623-87-1	276-738-4	20-99	Asp. Tox. 1 H304	GHS08
Distillates (petroleum), hydrotreated light paraffinic		265-158-7 01- 2119487077- 29	<5	Asp. Tox. 1 H304	GHS08
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based		276-737-9 01- 2119474878- 16	<5	Asp. Tox. 1 H304	GHS08
bis(nonylphenyl)amine		253-249-4 01-	<5	Aquatic Chronic 4 H413	None


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		2119488911-28			
reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tertbutyl-4- hydroxyphenyl)propionate		406-040-901-0000015551-76	<5	Aquatic Chronic 4 H413	None
Distillates (petroleum), solvent-dewaxed light paraffinic Baseoil - unspecified [A complex combination of hydrocarbons obtained by removal of normal paraffins from a petroleum fraction by solvent crystallization. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C15 through C30 and produces a finished oil with a viscosity of less than 100 SUS at 100 °F (19cSt at 40 °C).]	64742-56-9	265-159-2	<2	Asp. Tox. 1 H304	GHS08
Reaction products of fatty acids, C14-C18 (branched and linear) and C18 (unsaturated) with tetraethylenepentamine (linear, branched, cyclic)		01-2119960832-33	<5	Skin Irrit. 2 H315 Eye Irrit. 2 H319	GHS07
Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy) derivs., C10- rich		01-2119969520-35	<1	Aquatic Chronic 2 H411	GHS09
?, Reaction product of alkylthioalcohol and substituted phosphorus compound		424-820-7	<1	Acute Tox. 4 H312 Skin Corr. 1B H314 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS05 GHS07 GHS09
2-octadecenylsuccinic anhydride, thiodiethanol esterification products		299-434-3	<0.5	Skin Sens. 1 H317 Eye Irrit. 2 H319 Aquatic Chronic 2 H411	GHS07 GHS09
methyl-1H-benzotriazole		249-596-601-2119979081-35	<1	Acute Tox. 4 H302 Repr. 2 H361d Aquatic Chronic 2 H411	GHS08 GHS07 GHS09

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit	M-factor	ATE
?, Reaction product of alkylthioalcohol and substituted phosphorus compound			Aquatic Chronic 1: 10	Acute Tox. 4 (H312) : 1100.000

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methyl-1H-benzotriazole				Acute Tox. 4 (H302) : 500.000
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Contains no non-classified vPvB substances or substances with a Union workplace exposure limit.  
For full text of H/P Statements see section 16.

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures**

Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing..
Skin Contact	Wash skin with water.
Eye Contact	Flush eyes with water for at least 15 minutes.
Ingestion	Wash out mouth with water.

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

None anticipated. Treat symptomatically.

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

Unlikely to be required but if necessary treat symptomatically.

**SECTION 5: FIREFIGHTING MEASURES****5.1 Extinguishing media**

Suitable Extinguishing media	Foam, CO <sub>2</sub> or dry Powder.
Unsuitable extinguishing media	Do not use water.

**5.2 Special hazards arising from the substance or mixture**

Heating may cause decomposition.

**5.3 Advice for firefighters**

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

**6.2 Environmental precautions**

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

**6.3 Methods and material for containment and cleaning up**

Adsorb spillages onto sand, earth or any suitable adsorbent material. Contain spillages with sand, earth or any suitable adsorbent material. Earth may be shovelled to contain spillage and to avoid contamination of sewers and watercourses.

**6.4 Reference to other sections**

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See Also Section 8, 13.

**SECTION 7: HANDLING AND STORAGE****7.1 Precautions for safe handling****7.2 Conditions for safe storage, including any incompatibilities**

Storage temperature	Ambient.
Storage life	Stable under normal conditions.
Incompatible materials	None known.

**7.3 Specific end use(s)**

Transmission Fluid.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters**

8.1.1 Occupational Exposure Limits	No Occupational Exposure Limit assigned.
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**8.2 Exposure controls**

8.2.1. Appropriate engineering controls	Ensure adequate ventilation.
8.2.2. Personal protection equipment	



Eye Protection	Wear eye protection with side protection (EN166).
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Skin protection	Not normally required.
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Respiratory protection	Normally no personal respiratory protection is necessary.
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Thermal hazards	None known.
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8.2.3. Environmental Exposure Controls	Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.
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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

Physical state	Liquid.
Colour	Red.
Odour	Characteristic odour.
Melting point/freezing point	Not known.

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Boiling point or initial boiling point and boiling range	Not known.
Flammability	Not known.
Lower and upper explosion limit	Not known.
Flash Point	>180 °C.
Auto-ignition temperature	Not known.
Decomposition Temperature	Not known.
pH	Not known.
Kinematic Viscosity	=38 mm <sup>2</sup> /s 40 °C
Solubility	Solubility (Water) : Not known. Solubility (Other) : Not known.
Partition coefficient n-octanol/water (log value)	Not known.
Vapour pressure	Not known.
Density and/or relative density	Density (g/ml) : 0.848 g/cm <sup>3</sup> - Relative density : 15 °C.
Relative vapour density	Not known.
Particle characteristics	Not known.

**9.2 Other information**

None.

**SECTION 10: STABILITY AND REACTIVITY****10.1 Reactivity**

None anticipated.

**10.2 Chemical Stability**

Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

No hazardous reactions known if used for its intended purpose.

**10.4 Conditions to avoid**

None anticipated.

**10.5 Incompatible materials**

Not known.

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Acute toxicity - Ingestion	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 1000000.00000
Acute toxicity - Skin Contact	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 441767.06000
Acute toxicity - Inhalation	Calculation method : Not classified.

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Skin corrosion/irritation	Calculation method : Not classified.
Serious eye damage/irritation	Calculation method : Not classified.
Skin sensitization data	Calculation method : Not classified.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified.
Carcinogenicity	Calculation method : Not classified.
Reproductive toxicity	Calculation method : Not classified.
Lactation	Calculation method : Not classified.
STOT - single exposure	Calculation method : Not classified.
STOT - repeated exposure	Calculation method : Not classified.
Aspiration hazard	Calculation method : Not classified.

**11.2 Information on other hazards**

Not known.

**SECTION 12: ECOLOGICAL INFORMATION****12.1 Toxicity**

Harmful to aquatic life with long lasting effects.

Toxicity - Aquatic invertebrates	Not known.
Toxicity - Fish	Not known.
Toxicity - Algae	Not known.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

**12.2 Persistence and degradability**

Not known.

**12.3 Bioaccumulative potential**

Not known.

**12.4 Mobility in soil**

Not known.

**12.5 Results of PBT and vPvB assessment**

Not known.

**12.6 Endocrine disrupting properties**

None known.

**12.7 Other adverse effects**

Not known.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

Dispose of contents in accordance with local, state or national legislation. Dispose of this material and its container to hazardous or special waste collection point.

Dispose at suitable refuse site.

**13.2 Additional Information**

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Disposal should be in accordance with local, state or national legislation.

**SECTION 14: TRANSPORT INFORMATION****Not classified as hazardous for transport.****14.1 UN number or ID number**

Not applicable

**14.2 UN proper shipping name**

Not applicable

**14.3 Transport hazard class(es)**

Not applicable

**14.4 Packing group**

Not applicable

**14.5 Environmental hazards**

Not classified as a Marine Pollutant.

**14.6 Special precautions for user**

Not known

**14.7 Maritime transport in bulk according to IMO instruments**

Not known

**SECTION 15: REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation Not listed

REACH: ANNEX XIV list of substances subject to authorisation

Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Carcinogens: category 1B (72623-87-1), Carcinogens: category 1B (64742-56-9), Distillates (petroleum), hydrotreated light paraffinic (), lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (), bis(nonylphenyl)amine (), reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tertbutyl-4- hydroxyphenyl)propionate (), Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11- isoalkyloxy) derivs., C10- rich (), ?, Reaction product of alkylthioalcohol and substituted phosphorus compound (), Reaction products of fatty acids, C14-C18 (branched and linear) and C18 (unsaturated) with tetraethylenepentamine (linear, branched, cyclic) (), 2-octadecenylsuccinic anhydride, thiodiethanol esterification products (), methyl-1H-benzotriazole ()

Community Rolling Action Plan (CoRAP) Bis(nonylphenyl)amine (36878-20-3)

Regulation (EU) N° 2019/1021 of the European Parliament and of the Council

on persistent organic pollutants

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer

Not listed



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Regulation (EU) N° 649/2012 of the  
European Parliament and of the Council  
concerning the export and import of  
hazardous chemicals

Not listed

**National regulations**

Other

Not known.

**15.2 Chemical Safety Assessment**

A REACH chemical safety assessment has not been carried out.

**SECTION 16: OTHER INFORMATION**

The following sections contain revisions or new statements:

**LEGEND**

Hazard Pictogram(s)

None.

GHS05: GHS: Corrosion

GHS07: GHS: Exclamation mark

GHS08: GHS: Health hazard

GHS09: GHS: Environment

Hazard classification

Acute Tox. 4 : Acute toxicity, Category 4

Asp. Tox. 1 : Aspiration hazard, Category 1

Acute Tox. 4 : Acute toxicity, Category 4

Skin Corr. 1B : Skin corrosion/irritation, Category 1B

Skin Irrit. 2 : Skin corrosion/irritation, Category 2

Skin Sens. 1 : Skin sensitization, Category 1

Eye Irrit. 2 : Serious eye damage/irritation, Category 2

Repr. 2 : Reproductive toxicity, Category 2

Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1

Aquatic Chronic 1 : Hazardous to the aquatic environment, Chronic, Category 1

Aquatic Chronic 2 : Hazardous to the aquatic environment, Chronic, Category 2

Aquatic Chronic 3 : Hazardous to the aquatic environment, Chronic, Category 3

Aquatic Chronic 4 : Hazardous to the aquatic environment, Chronic, Category 4

Hazard Statement(s)

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.



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H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.  
H361d: Suspected of damaging the unborn child.  
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.  
H413: May cause long lasting harmful effects to aquatic life.

### Precautionary Statement(s)

P102: Keep out of reach of children.  
P103: Read label before use.  
P273: Avoid release to the environment.  
P501: Dispose of contents in accordance with local, state or national legislation.

### Acronyms

ATE : Acute Toxicity Estimate  
CAS : Chemical Abstracts Service  
CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures  
DNEL : Derived No Effect Level  
EC : European Community  
EINECS : European Inventory of Existing Commercial Chemical Substances  
LTEL : Long term exposure limit  
PBT : Persistent, Bioaccumulative and Toxic  
PNEC : Predicted No Effect Concentration  
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals  
STEL : Short term exposure limit  
STOT : Specific Target Organ Toxicity  
vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for data used to compile the SDS

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