

**AD ATF Fluid**

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

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

Product Name AD ATF Fluid
Product code ACD001, ACD005, ACD020, ACD199

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 08:00 - 17:00
Supplier
Company Identification Veedol Ireland Ltd
Address of Supplier 77 Camden Street Lower,
Saint Kevin's,
Dublin,
Ireland

Postal code D02 XE80,
Telephone: +353 151 363 47
Fax Not known.
E-mail lab@granvilleoil.com
Office hours

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)

**AD ATF Fluid**

| | |
|----------------------------|--|
| Product Name | AD ATF Fluid |
| Hazard Pictogram(s) | None. |
| Signal Word(s) | None. |
| Hazard Statement(s) | H412: Harmful to aquatic life with long lasting effects. |
| Precautionary Statement(s) | P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P273: Avoid release to the environment. P501: Dispose of contents in accordance with local, state or national legislation. |

2.3 Other hazards

This product contains: 128-37-0 (Endocrine disrupting properties)

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) |
|--|------------|--|------|------------------------|------------------------|
| Distillates (petroleum), hydrotreated light paraffinicBaseoil - unspecified[A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists 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). It contains a relatively large proportion of saturated hydrocarbons.] | 64742-55-8 | 265-158-7 01- 2119487077- 29 | <1 | Asp. Tox. 1 H304 | GHS08 |
| 1,3,4-Thiadiazolidine-2,5-dithione, reaction products with hydrogen peroxide and tert-nonanethiol | 91648-65-6 | 293-927-7 01- 2119976351- 35 | <0.5 | Aquatic Chronic 3 H412 | None |
| Zinc bis(dipentylidithiocarbamate) | 15337-18-5 | 239-370-5 01- | <0.5 | Aquatic Chronic 4 H413 | None |


AD ATF Fluid

| | | | | | |
|--|------------|-----------------------------------|------|--|-------------------------|
| | | 2120768116-52 | | | |
| Dibutyl [(dipropoxyphosphinothioyl)thio]succinate | 68413-47-8 | 270-219-6 01- 2120772316-52 | <0.1 | Skin Sens. 1B H317 Aquatic Chronic 2 H411 | GHS07 GHS09 |
| 2,6-di-tert-butyl-p-cresol | 128-37-0 | 204-881-4 01- 2119565113-46 | <0.1 | Aquatic Acute 1 H400 Aquatic Chronic 1 H410 | GHS09 |
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene | 68411-46-1 | 270-128-1 01- 2119491299-23 | <0.1 | Repr. 2 H361f Aquatic Chronic 3 H412 | GHS08 |
| Dipentylammonium dipentylthiocarbamate | 71902-20-0 | 276-172-8 01- 2120793078-43 | <0.1 | Acute Tox. 4 H302 Skin Sens. 1B H317 Aquatic Acute 1 H400 Aquatic Chronic 1 H410 | GHS07 GHS09 |
| Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts | 68584-23-6 | 271-529-4 01- 2119492627-25 | <0.1 | Skin Sens. 1B H317 | GHS07 |
| N-methyl-N-[C18-(unsaturated)alkanoyl]glycine | | 701-177-3 01- 2119488991-20 | <0.1 | Skin Irrit. 2 H315 Eye Dam. 1 H318 Acute Tox. 4 H332 Aquatic Acute 1 H400 Aquatic Chronic 1 H410 | GHS05 GHS07 GHS09 |
| Dibutyl fumarate | 105-75-9 | 203-327-9 | <0.1 | Skin Sens. 1 H317 STOT RE 2 H373 Aquatic Acute 1 H400 Aquatic Chronic 1 H410 | GHS08 GHS07 GHS09 |
| Sulfonic acids, petroleum, calcium salts | 61789-86-4 | 263-093-9 01- 2119488992-18 | <0.1 | Skin Sens. 1B H317 | GHS07 |

| HAZARDOUS INGREDIENT(S) | CAS No. | Specific Concentration Limit | M-factor | ATE |
|---|------------|------------------------------|----------|------------------------------|
| Dipentylammonium dipentylthiocarbamate | 71902-20-0 | | | Acute Tox. 4 (H302) : 500 |

**AD ATF Fluid**

| | | | | | |
|---|------------|---------------|---------------------|------------------------|--------------------------|
| Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts | 68584-23-6 | Skin Sens. 1B | C>= 10.00 <= 100.00 | | |
| N-methyl-N-[C18-(unsaturated)alkanoyl]glycine | | | | | Acute Tox. 4 (H332) : 11 |
| Dibutyl fumarate | 105-75-9 | | | Aquatic Chronic 1: 100 | |
| Sulfonic acids, petroleum, calcium salts | 61789-86-4 | Skin Sens. 1B | C>= 10.00 <= 100.00 | | |

Contains no non-classified vPvB substances.

Contains no non-classified 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 | Do not induce vomiting wash out mouth with water. Get medical advice/attention if you feel unwell. |

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, CO2 or dry powder |
| Unsuitable extinguishing media | None. |

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. Dike fire control water for later disposal.

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

**AD ATF Fluid**

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

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling**

Ensure adequate ventilation. Wear protective clothing as per section 8. Do not eat, drink or smoke when using this product. Always wash hands before smoking, eating and drinking.

7.2 Conditions for safe storage, including any incompatibilities

| | |
|------------------------|--|
| Storage temperature | Store in a well-ventilated place. Keep cool. |
| Storage life | Stable under normal conditions. |
| Incompatible materials | Oxidizing agents. |

7.3 Specific end use(s)

Transmission Fluid.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters****8.1.1 Occupational Exposure Limits**

| Occupational Exposure Limits | | | | | | |
|------------------------------|----------|---------------------|------------------------------------|------------|---------------------------|------|
| SUBSTANCE. | CAS No. | LTEL (8 hr TWA ppm) | LTEL (8 hr TWA mg/m ³) | STEL (ppm) | STEL (mg/m ³) | Note |
| 2,6-Di-tert-butyl-p-cresol | 128-37-0 | | 10 | | | |

| | |
|----------------|---|
| Region | Source |
| United Kingdom | UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020) |

| | |
|--------|-------|
| Remark | Notes |
|--------|-------|

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 (EN ISO 16321-1).

**AD ATF Fluid**

Skin protection

Wear Impervious Gloves (EN374).



Respiratory protection

Normally no personal respiratory protection is necessary.



Thermal hazards

None known.

8.2.3. Environmental Exposure Controls Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

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. |
| Boiling point or initial boiling point and boiling range | Not known. |
| Flammability | Not known. |
| Lower and upper explosion limit | Not known. |
| Flash Point | Not known. |
| Auto-ignition temperature | Not known. |
| Decomposition Temperature | Not known. |
| pH | Not known. |
| Kinematic Viscosity | ≥30 mm ² /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): 0.84 g/cm ³ - 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.

**AD ATF Fluid****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

Oxidizing agents.

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 - 625000 |
| Acute toxicity - Skin Contact | Calculation method : Not classified. |
| Acute toxicity - Inhalation | Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 13750 |
| 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

Endocrine disrupting properties: List II: Substances under evaluation for endocrine disruption under an EU legislation 128-37-0 (Human health)

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

Harmful to aquatic life. 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.

**AD ATF Fluid****12.4 Mobility in soil**

Not known.

12.5 Results of PBT and vPvB assessment**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

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

**AD ATF Fluid**

| | |
|---|--|
| REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles | Carcinogens: category 1B (64742-55-8), Carcinogens: category 1B (64741-88-4), 1,3,4-Thiadiazolidine-2,5-dithione, reaction products with hydrogen peroxide and tert-nonanethiol (91648-65-6), Zinc bis(dipentylthiocarbamate) (15337-18-5), Dibutyl [(dipropoxyphosphinothioyl)thio]succinate (68413-47-8), 2,6-di-tert-butyl-p-cresol (128-37-0), Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1), Dipentylammonium dipentylthiocarbamate (71902-20-0), Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts (68584-23-6), N-methyl-N-[C18-(unsaturated)alkanoyl]glycine (), Dibutyl fumarate (105-75-9), Sulfonic acids, petroleum, calcium salts (61789-86-4) |
| Community Rolling Action Plan (CoRAP) | 2,6-di-tert-butyl-p-cresol (128-37-0), Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1) |
| Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants | Not listed |
| Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer | Not listed |
| 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 |
| | Skin Irrit. 2 : Skin corrosion/irritation, Category 2 |
| | Skin Sens. 1 : Skin sensitization, Category 1 |
| | Skin Sens. 1B : Skin sensitization, Category 1B |
| | Eye Dam. 1 : Serious eye damage/irritation, Category 1 |
| | Acute Tox. 4 : Acute toxicity, Category 4 |



AD ATF Fluid

Repr. 2 : Reproductive toxicity, Category 2

STOT RE 2 : Specific target organ toxicity — repeated exposure, 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.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H332: Harmful if inhaled.

H361f: Suspected of damaging fertility.

H373: May cause damage to organs through prolonged or repeated exposure.

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)

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

LTCL : Long term exposure limit

PBT : Persistent, Bioaccumulative and Toxic

PNEC : Predicted No Effect Concentration

REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals

STCL : Short term exposure limit

STOT : Specific Target Organ Toxicity

vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for Regulation (EC) No. 1272/2008 (CLP)
data used to compile the SDS

Training Advice

Regular safety training as appropriate



AD ATF Fluid

Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Granville Oil & Chemicals Ltd gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Granville Oil & Chemicals Ltd accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.