

SAFETY DATA SHEET

According to Regulation (EC) No. 453/2010

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AREOL
PREMIUM QUALITY.
SMART PRICE

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

Product form: Mixture

Trade name: AREOL ATF Dexron VI

Product group: Blend

Article number: AR081

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

Main use category: Industrial use, Professional use, Consumer use

Industrial/Professional use spec.: Non-dispersive use Used in closed systems

Function or use category: Lubricants and additives

Uses advised against

No additional information available

Details of the supplier of the safety data sheet

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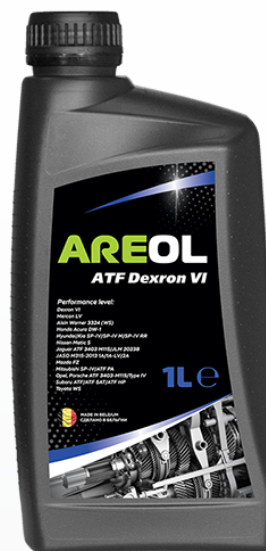
Further information obtainable from:

Product safety department:

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Emergency telephone number:

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Trade name
AREOL ATF D VI

2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

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

Aquatic Chronic 3 H412

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC or Directive 1999/45/EC:

R52/53

Full text of R-phrases: 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]

Signal word (CLP): Void

Hazard statements (CLP): H412 - Harmful to aquatic life with long lasting effects

Precautionary statements (CLP):

P273 - Avoid release to the environment

P501 - Dispose of contents/container in accordance with local/regional/national/international regulations

P102 - Keep out of reach of children

2.3 Other hazards

No additional information available

Trade name
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3 COMPOSITION/INFORMATION ON INGREDIENTS

Substances: Not applicable

Mixtures

NAME	PRODUCT IDENTIFIER	%	CLASSIFICATION ACCORDING TO DIRECTIVE 67/548/EEC
Baseoil - unspecified	(CAS No) 72623-87-1 (EC no) 276-738-4	25 - 50	Not classified
Baseoil - unspecified	(CAS No) 72623-86-0 (EC no) 276-737-9 (EC index no) 649-482-00-X	1-5	Not classified
3-(decyloxy) tetrahydrothiophene 1,1-dioxide	(EC no) 242-556-9	0,1 - 0,5	N; R51/53
Reaction product of alkylthioalcohol and substituted phosphorus compound	(EC no) 424-820-7 (REACH-no) 01-0000017126-75	0,1 - 0,5	Xn; R21 C; R34 N; R50/53

NAME	PRODUCT IDENTIFIER	%	CLASSIFICATION ACCORDING TO REGULATION (EC) NO.1272/2008 [CLP]
Baseoil - unspecified	(CAS No) 72623-87-1 (EC no) 276-738-4	25 - 50	Asp. Tox. 1, H304
Baseoil - unspecified	(CAS No) 72623-86-0 (EC no) 276-737-9 (EC index no) 649-482-00-X	1-5	Asp. Tox. 1, H304
3-(decyloxy) tetrahydrothiophene 1,1-dioxide	(EC no) 242-556-9	0,1 - 0,5	Aquatic Chronic 2, H411
Reaction product of alkylthioalcohol and substituted phosphorus compound	(EC no) 424-820-7 (REACH-no) 01-0000017126-75	0,1 - 0,5	Acute Tox. 4 (Dermal), H312 Skin Corr. 1B, H314 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of R-, H- and EUH-phrases: see section 16

Trade name
AREOL ATF D VI

4 FIRST AID MEASURES

4.1 Description of first aid measures

First-aid measures after inhalation: Not expected to require first aid measures.

First-aid measures after skin contact: Wash skin with mild soap and water.

First-aid measures after eye contact: In case of eye contact, immediately rinse with clean water for 10-15 minutes.

First-aid measures after ingestion: Do not induce vomiting. Rinse mouth. Get immediate medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

Symptoms/injuries after skin contact: Not expected to present a significant skin hazard under anticipated conditions of normal use.

Symptoms/injuries after eye contact: Not expected to present a significant eye contact hazard under anticipated conditions of normal use.

Symptoms/injuries 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

Trade name
AREOL ATF D VI

5 FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Water fog. Foam. Powder. Dry chemical product.

Unsuitable extinguishing media: 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: Exercise caution when fighting any chemical fire.

Firefighting instructions: Use water spray or fog for cooling exposed containers.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment: Wear suitable protective clothing and gloves.

For emergency responders

Protective equipment: Wear suitable protective clothing and gloves.

Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and material for containment and cleaning up

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.

Reference to other sections

No additional information available

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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: < 40 °C

Hygiene measures: Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature: < 40 °C

Storage area: Store in dry, cool, well-ventilated area.

7.3 Specific end use(s)

No additional information available

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters:

5 mg/m³ for oil mists (TWA, 8h-workday) recommended, based upon the ACGIH TLV (Analysis according to US NIOSH Method 5026, NIOSH Manual of Analytical Methods, 3rd Edition).

Exposure controls

Personal protective equipment: Safety glasses. *Gloves*



Hand protection: Wear suitable gloves resistant to chemical penetration.

Skin and body protection: No special clothing/skin protection equipment is recommended under normal conditions of use.

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

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9 PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state: Liquid

Appearance: Oily liquid

Colour: Red

Odour: Characteristic

Odour threshold: No data available

pH: No data available

Relative evaporation rate (butylacetate=1): No data available

Melting point: No data available

Freezing point: No data available

Boiling point: No data available

Flash point: > 200 °C ASTM D92

Self ignition temperature: No data available

Decomposition temperature: No data available

Flammability (solid, gas): No data available

Vapour pressure: No data available

Relative vapour density at 20 °C: No data available

Relative density: No data available

Density: 847 kg/m³ 15°C

Solubility: Slightly soluble, the product remains on the water surface.

Log Pow: No data available

Viscosity, kinematic: 30 mm²/s 40°C

Viscosity, dynamic: No data available

Explosive properties: No data available

Oxidising properties: No data available

Explosive limits: No data available

9.2. Other information: No additional information available

Trade name
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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.

10.5.Incompatible materials

Strong oxidizers. acids. Bases.

10.6.Hazardous decomposition products

None under normal conditions.

11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity: *Not classified*

Reaction product of alkylthioalcohol and substituted phosphorus compound

ATE (dermal): 1100,000 mg/kg bodyweight

Skin corrosion/irritation: *Not classified*

Serious eye damage/irritation: *Not classified*

Respiratory or skin sensitisation: *Not classified*

Germ cell mutagenicity: *Not classified*

Carcinogenicity: *Not classified*

Reproductive toxicity: *Not classified*

Specific target organ toxicity (single exposure): *Not classified*

Specific target organ toxicity (repeated exposure): *Not classified*

Aspiration hazard: *Not classified*

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12 ECOLOGICAL INFORMATION

12.1 Toxicity

Ecology - general: May cause long-term adverse effects in the aquatic environment.

12.2. Persistence and degradability

WOLF OFFICIALTECH ATF D VI

Persistence and degradability: Not soluble in water, so only minimally biodegradable.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Additional information:

Dispose in a safe manner in accordance with local/national regulations.

Trade name
AREOL ATF D VI

14 TRANSPORT INFORMATION

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

14.1. UN number: No dangerous good in sense of transport regulations

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

Other information: No supplementary information available.

14.6. Special precautions for user

Overland transport: No additional information available

Transport by sea: No additional information available

Air transport: No additional information available

Inland waterway transport: No additional information available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

Not applicable

15 REGULATORY INFORMATION

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Contains no REACH candidate substance

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

16 OTHER INFORMATION

Trade name
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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 R-, H- and EUH-phrases:

Acute Tox. 4 (Dermal): Acute toxicity (dermal) Category 4

Aquatic Acute 1: Hazardous to the aquatic environment - Acute Hazard Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard Category 3

Asp. Tox. 1: Aspiration hazard Category 1

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

H304 May be fatal if swallowed and enters airways

H312 Harmful in contact with skin

H314 Causes severe skin burns and eye damage

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

R21 Harmful in contact with skin

R34 Causes burns

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

C Corrosive

N Dangerous for the environment

Xn Harmful

SDS EU (REACH Annex II)

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.