

## **ATF DEXRON VI**

### **Description:**

DEXRON-VI ATF is a high performance, synthetic blend formulation that meets or exceeds the stringent requirements of GM's DEXRON-VI specification and provides warranty protection for 2006 and newer GM vehicles. It also provides improved performance in older GM vehicles, wherever DEXRON is specified.

- Extended fluid life
- Improved oxidation and thermal stability
- Optimized frictional properties that provide smooth gear shifting during low temperature operation and help prevent transmission vibration
- Outstanding resistance against sludge and deposit formation
- Improved anti-wear protection which contributes to extended transmission life
- Outstanding low temperature performance

### **Application:**

Used in automatic and power shift transmissions, torque converters, fluid clutches and certain power steering systems in passenger cars, trucks, excavators and agricultural equipments. Contains red dye for easy identification.

### **Performance specifications:**

ALLISON C-4 ATF LT 71141 ATF, JWS 3309 BMW / MINI P/N 83 22 2 289 720 FORD MERCON LV / P/N XT-6-QSP / DSP [SP] Chrysler / Dodge / Jeep +4 GM DEXRON VI GM DEXRON IIIH / IIIG / IIE / IID / TASA Honda DW-1 / Z-1 / ATF Type 3.0 / ATF Type 3.1 Hyundai / Kia Genuine ATF / SP-II / SP-III / SP-IV / SPH-IV / SP-IV-RR Isuzu ATF / ATF-II / ATF-III JASO M315 Class 1A Mazda FW 6A EL / FW 6AX EL / FZ / JWS 3317 / M-5 / M-III / Type-IV MB 236.5 / 6 / 7 / 8 / 9 / 10 / 11 / 12 / 41 Mitsubishi ATF-J2 / ATF-J3 / SP / SP-II / SP-III Nissan Matic Fluid D / J / K / S / W Subaru HP Suzuki 3314 / 3317 Toyota Type T / D-II / T-III / T-IV / WS (JWS 3324) Volkswagen / Audi G 060 162 (A1, A2, A6) / G 052 162 (-A1, -A2) / G 055 540 (A2) / G 055 025 VOLVO P/N 1161521 / 1161540 / 1161640 ZF TE-ML 11A / 11B

### **Typical Characteristics:**

TEST	METHOD	TYPICAL PROPERTIES
Density, g/cm <sup>3</sup> , at 15°C	ASTM D4052	0,855
Kinematic Viscosity, cSt, at 40°C	ASTM D445	30
Kinematic Viscosity, cSt, at 100°C	ASTM D445	6
Brookfield Viscosity, @ -40 °C, mPa•s	ASTM D2983	12050
Viscosity Index	ASTM D2270	185
Flash Point, °C, min	ASTM D92	227
Pour Point, °C, max	ASTM D97	-32
Foam (93.5°C, Seq. II, ml, max.)	-	10/0
Copper Corrosion (3 h, 100°C, max.)	-	1b

## ATF DEXRON VI Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Issue date: 21/12/2023 Revision date: 19/11/2024 Supersedes version of: 06/01/202

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

#### 1.1. Product identifier

Product form	: Mixture
Product name	: ATF DEXRON VI
Product code	: 3008
Type of product	: CMO
Product group	: Blend

#### 1.2. 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

#### 1.3. Details of the supplier of the safety data sheet

##### **FACO PETROL KİMYA SANAYİ DİŞ TİCARET LTD. ŞTİ.**

Center Office: Siteler Mh. 492 Sk. No: 1/A My Vista Smart Aliğa/İZMİR/TÜRKİYE

info@cosmomotoroil.com / www.cosmomotoroil.com

Phone: +90 552 222 6766

#### 1.4. Emergency telephone number

Emergency number	: +90 552 222 6766
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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Hazardous to the aquatic environment – Chronic Hazard, H412  
Category 3

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]

Signal word (CLP)	: -
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 and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

#### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  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 substance(s) are 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

### 3.2. 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]
Dimantine	CAS-No.: 124-28-7 EC-No.: 204-694-8	0.1 – 0.24	Acute Tox. 4 (Oral), H302 (ATE=1230 mg/kg bodyweight) Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410
2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol	CAS-No.: 1218787-32-6 EC-No.: 620-540-6 REACH-no: 01-2119510877-33	0.01 – 0.035	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Skin Corr. 1C, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410

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 : 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/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

### SECTION 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.

### SECTION 6: Accidental release measures

#### 6.1. 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.

#### 6.2. Environmental precautions

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

#### 6.3. 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.

#### 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 : < 40 °C  
Hygiene measures : 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, including any incompatibilities

Storage temperature : ≤ 40 °C  
Storage area : Store in dry, cool, well-ventilated area.

## Germany

Storage class (LGK, TRGS 510)

: LGK 10-13 - Other combustible and non-combustible substances

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### National occupational exposure and biological limit values

ATF DEXRON VI	
Belgium - Occupational Exposure Limits	
Local name	Huiles minérales (brouillards) # Olie (minerale-; nevel)
OEL TWA	5 mg/m <sup>3</sup>
OEL STEL	10 mg/m <sup>3</sup>
Regulatory reference	Koninklijk besluit/Arrêté royal 02/09/2018

### 8.2. Exposure controls

#### Personal protection equipment

##### Personal protective equipment:

Safety glasses. Gloves.

##### Personal protective equipment symbol(s):



#### 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) /

#### Respiratory protection

##### Respiratory protection:

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

## 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
pH	: Not available
Viscosity, kinematic	: 31 mm <sup>2</sup> /s @40°C (ASTM D445)
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	: 850 kg/m <sup>3</sup> @ 15°C (ASTM D4052)
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

## 9.2. Other information

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.

### 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
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

#### Dimantine (124-28-7)

LD50 oral rat	1230 mg/kg (OECD 401)
LD50 dermal rabbit	8000 mg/kg

#### 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol (1218787-32-6)

LD50 oral rat	300 – 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 Inhalation - Rat [ppm]	220 ppm @1h

Skin corrosion/irritation	: Not classified
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Serious eye damage/irritation : Not classified

#### Dimantine (124-28-7)

Serious eye damage/irritation, rabbit	Positive (OECD 405)
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Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

#### Dimantine (124-28-7)

Bacterial Reverse Mutation Test, In vitro, Bacteria	Negative (OECD 471)
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Mammalian Cell Gene Mutation Test, In vitro, mammalian	Negative
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#### 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol (1218787-32-6)

In vitro	Negative
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Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

#### Dimantine (124-28-7)

NOAEL (subacute, oral, 28 days)	180 mg/kg bodyweight/day
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#### 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol (1218787-32-6)

NOAEL (subacute, oral, 28 days)	12 mg/kg bodyweight/day
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Aspiration hazard : Not classified

#### ATF DEXRON VI

Viscosity, kinematic	31 mm <sup>2</sup> /s @40°C (ASTM D445)
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#### Dimantine (124-28-7)

Viscosity, kinematic	2566 mm <sup>2</sup> /s @40°C
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### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

#### Dimantine (124-28-7)

LC50 - Fish [1]	0.26 mg/l @96h; Danio rerio
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EC50 - Crustacea [1]	0.0558 mg/l @48h; Daphnia magna
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EC50 - Other aquatic organisms [1]	13 mg/l @3h; Micro-organism
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EC50 72h - Algae [1]	0.0165 mg/l Algae
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LOEC (chronic)	0.108 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
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NOEC chronic crustacea	0.036 mg/l @21d; Daphnia magna
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NOEC chronic algae	0.00256 mg/l (Algae)
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#### 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol (1218787-32-6)

LC50 - Fish [1]	0.1 mg/l @96h; Danio rerio
LC50 - Fish [2]	0.1 mg/l @96h; Brachydanio rerio
EC50 - Crustacea [1]	0.043 mg/l @48h; Daphnia magna
EC50 - Other aquatic organisms [1]	167 mg/l @3h, sludge
EC50 72h - Algae [1]	0.0538 mg/l Pseudokirchneriella subcapitata
NOEC chronic crustacea	0.0107 mg/l @21d, Daphnia magna
NOEC chronic algae	0.0156 mg/l @72h; Pseudokirchneriella subcapitata

#### 12.2. Persistence and degradability

##### ATF DEXRON VI

Persistence and degradability	Not soluble in water, so only minimally biodegradable.
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##### Dimantine (124-28-7)

Persistence and degradability	Not rapidly degradable
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#### 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol (1218787-32-6)

Persistence and degradability	Rapidly degradable
BOD (% of ThOD)	63 % ThOD
Biodegradation	61 – 65 % @28d (OECD TG 301D)

#### 12.3. Bioaccumulative potential

##### Dimantine (124-28-7)

Partition coefficient n-octanol/water (Log Pow)	> 6.91
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#### 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol (1218787-32-6)

Bioconcentration factor (BCF REACH)	110.2 Calculated value
Partition coefficient n-octanol/water (Log Kow)	3.6

#### 12.4. Mobility in soil

No additional information 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

#### 13.1. Waste treatment methods

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



## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

### 14.1. UN number or ID number

Not regulated for transport

### 14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : Not applicable

#### IMDG

Transport hazard class(es) (IMDG) : Not applicable

#### IATA

Transport hazard class(es) (IATA) : Not applicable

#### ADN

Transport hazard class(es) (ADN) : Not applicable

#### RID

Transport hazard class(es) (RID) : Not applicable

### 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

#### 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)

##### Regulation (EU) 2021/821 for the control of dual-use items

Contains no substance subject to the Regulation (EU) 2021/821 for the control 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)

##### 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)

#### National regulations

##### Germany

Water hazard class (WGK) : WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1).  
Hazardous Incident Ordinance (12. BImSchV) : Is not subject to the Hazardous Incident Ordinance (12. BImSchV)

##### Netherlands

SZW-lijt van kankerverwekkende stoffen : None of the components are listed  
SZW-lijt van mutagene stoffen : None of the components are listed  
SZW-lijt van reprotoxische stoffen – Borstvoeding : None of the components are listed  
SZW-lijt van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed  
SZW-lijt van reprotoxische stoffen – Ontwikkeling : None of the components are listed

##### Denmark

Danish National Regulations : Pregnant/breastfeeding women working with the product must not be in direct contact with the product

##### Norway

Declaration number : 327380

##### Sweden

Swedish product registration number : 488639-6

## Poland

### Polish National Regulations

: Act of 25 February 2011 on chemical substances and their mixtures (J. o L. No. 63, item 322 as amended).  
 Act of 14 December 2012 on Waste (J. o L. 2013, item 322 as amended).  
 The announcement of Marshal of the Sejm of the Republic of Poland dated 19 October 2016 concerning the consolidated text announcement of the decree on the management of packaging and packaging waste (J. o L. 2016, item 1863 as amended).  
 Decree of the Minister of Environment of 14 December 2014 on the catalogue of waste (J. o L. 2014, item 1923).  
 Act of 19 August 2011 on the Carriage of Dangerous Goods (J. o L. 2011 No. 227, item 1367 as amended; consolidated text J. o L. 2019, item 382).  
 Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the highest permissible concentration and intensity of noxious agents for health at work environment (J. o L. of 3 July 2018, item 1286 as amended).  
 The announcement of Minister of Health dated 9 September 2016 concerning the consolidated text announcement of the decree of the Minister of Health of 30 December 2004 on health and safety at work related to exposure to chemical agents at work (J. o L. of 16 September 2016, item 1488).  
 Regulation of the Minister of Health of 2 February 2011 on tests and measurements of the noxious agents for health at work environment (J. o L. No. 33, item 166).  
 Regulation of the Minister of Environment of 9 December 2003 on particularly hazardous substances to the environment (J. o L. No. 217, item 2141).  
 ADR Agreement: Government Statement of 13 March 2023 on the entry into force of amendments to Annexes A and B to the Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), signed in Geneva on 30 September 1957 (J. o. L. 2023, item 891)

## 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

Indication of changes		
Section	Changed item	Comments
	Supersedes	<b>Modified</b>
	Revision date	<b>Modified</b>
2.2	Precautionary statements (CLP)	<b>Modified</b>
2.2	EUH-statements	<b>Removed</b>
3	Composition/information on ingredients	<b>Modified</b>
9	Viscosity, kinematic	<b>Modified</b>
9	Density	<b>Modified</b>
9	Flash point	<b>Modified</b>

### 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:

Acute Tox. 4 (Oral)	Acute toxicity (oral), 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
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C

#### 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.