

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 20/11/2023 Version: 1.0

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

1.1. Product identifier

Product form : Mixture

Trade name : ORLEN OIL GEAR ATF III
UFI : 78J0-P0GG-600A-SH26

Product group : Trade product

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

1.2.1. Relevant identified uses

Main use category : Professional use, Consumer use

Use of the substance/mixture : gear oil

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

ORLEN OIL Sp. z o.o. ul. Elbląska 135

80-718 Gdańsk

T +48 12 66 555 00 / +48 12 66 555 01

centrala@orlenoil.pl

E-mail address of competent person responsible for the SDS: msds@orlenoil.pl

1.4. Emergency telephone number

Emergency number : Emergency contact + 48 242010367, +48 242869509, +48242869556 (7:00-15:00)

Emergency number 112

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

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

Adverse physicochemical, human health and environmental effects

May cause an allergic skin reaction.

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) : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P280 - Wear protective gloves, protective clothing.

 $\ensuremath{\mathsf{P302+P352}}$ - IF ON SKIN: Wash with plenty of soap and water.

P321 - Specific treatment (see supplemental first aid instruction on this label). P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

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2.3. Other hazards

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

phenol, dodecyl-, branched; phenol, 2-dodecyl-, branched; phenol, 3-dodecyl-, branched (121158-58-5) This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, 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 %

Component	
phenol, dodecyl-, branched; phenol, 2-dodecyl-, branched; phenol, 3-dodecyl-, branched(121158-58-5)	The substance is included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is 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

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil— unspecified; (Note L)	CAS-No.: 72623-87-1 EC-No.: 276-738-4 EC Index-No.: 649-483-00-5 REACH-no: 01-2119474889- 13	53.912 – 54.92	Asp. Tox. 1, H304
Reaction product of: polyethylene-polyamine-(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	0.28 – 1.12	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412
phenol, dodecyl-, branched; phenol, 2-dodecyl-, branched; phenol, 3-dodecyl-, branched substance listed as REACH Candidate (Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP))	CAS-No.: 121158-58-5 EC-No.: 310-154-3 EC Index-No.: 604-092-00-9 REACH-no: 01-2119513207-	0.011 - 0.034	Repr. 1B, H360F Skin Corr. 1C, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)

Note L:

The harmonised classification as a carcinogen applies unless it can be shown that the substance contains less than 3 % of dimethyl sulphoxide extract as measured by IP 346 ("Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions – Dimethyl sulphoxide extraction refractive index method" Institute of Petroleum, London), in which case a classification in accordance with Title II of this Regulation shall be performed also for that hazard class.

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 : Remove person to fresh air and keep comfortable for breathing.

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First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash

occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse eyes with water as a precaution.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after skin contact : May cause an allergic skin reaction.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Dry chemical, CO2, or water spray or regular foam.

Unsuitable extinguishing media : Strong water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained

breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing

dust/fume/gas/mist/vapours/spray.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Avoid

breathing dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.

Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

Always wash hands after handling the product.

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

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

phenol, dodecyl-, branched; phenol, 2-dodecy	phenol, dodecyl-, branched; phenol, 2-dodecyl-, branched; phenol, 3-dodecyl-, branched (121158-58-5)	
DNEL/DMEL (Workers)		
Acute - systemic effects, dermal	166 mg/kg bodyweight/day	
Acute - systemic effects, inhalation	44.18 mg/m³	
Long-term - systemic effects, dermal	0.25 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	17621 mg/m³	
DNEL/DMEL (General population)		
Acute - systemic effects, dermal	50 mg/kg bodyweight/day	
Acute - systemic effects, inhalation	13.26 mg/m³	
Acute - systemic effects, oral	1.26 mg/kg bodyweight/day	
Long-term - systemic effects,oral	0.075 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	0.79 mg/m³	
Long-term - systemic effects, dermal	0.075 mg/kg bodyweight/day	
PNEC (Water)		
PNEC aqua (freshwater)	0.074 μg/l	
PNEC aqua (marine water)	0.0074 μg/l	
PNEC aqua (intermittent, freshwater)	0.37 μg/l	
PNEC (Sediment)		
PNEC sediment (freshwater)	0.226 mg/kg dwt	
PNEC sediment (marine water)	0.0266 mg/kg dwt	
PNEC (Soil)		
PNEC soil	0.118 mg/kg dwt	
PNEC (Oral)		
PNEC oral (secondary poisoning)	4 mg/kg food	
PNEC (STP)		
PNEC sewage treatment plant	100 mg/l	

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Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil—unspecified; (64742-54-7)		
DNEL/DMEL (Workers)		
Long-term - local effects, inhalation	5.4 mg/m³ 8 hours	
DNEL/DMEL (General population)		
Long-term - local effects, inhalation	1.2 mg/m³ 24 hours	
PNEC (Oral)		
PNEC oral (secondary poisoning)	9.33 mg/kg food mammalian	

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):







8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid Colour : red.

Odour : characteristic.
Odour threshold : Not available
Melting point : Not applicable
Freezing point : -45 °C Pour point
Boiling point : Not available

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Flammability : Non flammable. Lower explosion limit : Not available Not available Upper explosion limit > 200 °C Flash point Not available Auto-ignition temperature Not available Decomposition temperature Not available pΗ 35 mm²/s 40°C Viscosity, kinematic Solubility Not available Partition coefficient n-octanol/water (Log Kow) : Not available Vapour pressure : Not available Vapour pressure at 50°C : Not available : 0.85 g/cm3 15°C Density 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

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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

Reaction product of: polyethylene-polyamine-(C16-C18)-alkylamides with monothio-(C2)-alkyl phosphonates

LD50 oral > 2000 mg/kg bodyweight Animal: other:, Guideline: other:

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LD50 oral rat	2100 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 1620 - 2730		
LD50 dermal rabbit	≈ 15000 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)		
Skin corrosion/irritation	: Not classified		
Serious eye damage/irritation	: Not classified		
Respiratory or skin sensitisation	: May cause an allergic skin reaction.		
Germ cell mutagenicity	: Not classified		
Carcinogenicity	: Not classified		
Reproductive toxicity	: Not classified		
STOT-single exposure	: Not classified		
STOT-repeated exposure	: Not classified		
Aspiration hazard	: Not classified		

ORLEN OIL GEAR ATF III	
Viscosity, kinematic	35 mm²/s 40°C

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil— unspecified; (72623-87-1)	
Viscosity, kinematic	≈ 16 mm²/s 40°C

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Component	
phenol, dodecyl-, branched; phenol, 2-dodecyl-, branched; phenol, 3-dodecyl-, branched(121158-58-5)	The substance is identified for having endocrine disrupting properties but there is no additional data available (see section 2.3)

11.2.2. Other information

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse

effects in the environment.

Hazardous to the aquatic environment, short-term

(acute)

: Not classified

Hazardous to the aquatic environment, long-term (chronic)

: Not classified (Based on data available for ingredients).

Not rapidly degradable

Reaction product of: polyethylene-polyamine-(C16-C18)-alkylamides with monothio-(C2)-alkyl phosphonates		
LC50 - Fish [1]	> 1000 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)	
EC50 - Other aquatic organisms [1]	56.7 mg/l Test organisms (species): other aquatic crustacea:	
EC50 72h - Algae [1]	≈ 22 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)	
phenol, dodecyl-, branched; phenol, 2-dodecyl-, branched; phenol, 3-dodecyl-, branched (121158-58-5)		
EC50 - Crustacea [1]	0.037 mg/l Test organisms (species): Daphnia magna	
EC50 72h - Algae [1]	0.15 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)	

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phenol, dodecyl-, branched; phenol, 2-dodecyl-, branched; phenol, 3-dodecyl-, branched (121158-58-5)	
EC50 72h - Algae [2]	0.36 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
LOEC (chronic)	0.012 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	0.0037 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

12.2. Persistence and degradability

No additional information available

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

Component	
phenol, dodecyl-, branched; phenol, 2-dodecyl-, branched; phenol, 3-dodecyl-, branched (121158-58-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Endocrine disrupting properties

Component	
phenol, dodecyl-, branched; phenol, 2-dodecyl-, branched; phenol, 3-dodecyl-, branched(121158-58-5)	The substance is identified for having endocrine disrupting properties but there is no additional data available (see section 2.3)

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods HP Code

- : Dispose of contents/container in accordance with licensed collector's sorting instructions.
- : HP5 "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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ADR	IMDG	IATA	ADN	RID
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information	n available			

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

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 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)

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)

15.1.2. National regulations

No additional information available

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15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

ADN European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways ADR European Agreement concerning the International Carriage of Dangerous Goods by Road ATE Acute Toxicity Estimate BCF Bisconcentration factor BLV Bislogical limit value BOD Bischemical oxygen demand (BOD) COD Chemical oxygen demand (COD) DMEL Derived Minimal Effect level Derived Minimal Effect level EC-No. European Community number ECSO Median effective concentration EN European Standard ARRC International Agency for Research on Cancer International Agency for Research on Cancer International Agency for Research on Cancer International Auritary for Research on Cancer International Minima Effect Level LOSO Median International Minima Dangerous Goods LCSO Median International Advance Effect Level LOAEL Lowest Observed Advance Effect Level NOAEC No-Observed Advance Effect Level NOEC Organisation for Economic Co-operation and Development DEL Occupational Exposure Limit PRIC Persistent Bioaccumulative Toxic PNEC Perdicted No-Effect Concentration RID Regulations concerning the International Carriage of Dangerous Goods by Rail SDS Safety Data Sheet STIP Sewage teatment plant ThOO Theoretical oxygen demand (ThOD) TLM Median Tolerance Limit VOC Volatile Organic Compounds CAS-No. Chemical Abstract Service number N.No.S. Not Otterwise Specified VP-PR Endocrine disrupting properties	Abbreviations and ac	cronyms:			
ATE Acute Toxicity Estimate BCF Bioconcentration factor BLV Biological limit value BOD Biochemical oxygen demand (BOD) COD Chemical oxygen demand (COD) DMEL Derived Minimal Effect lovel DNEL Derived-No Effect Level EC-No. European Community number EC50 Median effective concentration EN European Standard International Agency for Research on Cancer IATA International Air Transport Association IMDG International Maritime Dangerous Goods LC50 Median lethal concentration ILD50 Median lethal dose LOAEL Lovest Observed Adverse Effect Level NOAEC No-Observed Adverse Effect Level NOAEC No-Observed Adverse Effect Level NOEC No-Observed Effect Concentration GEL Occupational Exposure Limit PBT Persistent Bioaccumulative Toxic PNEC Predicted No-Effect Concentration RID Regulations concerning the International Carriage of Dangerous Goods by Rail SIP Sewage treatment plant TILM Median Tolerance Limit VOC Volatile Organic Compounds CAS-No. Chemical Abstract Service number NO.S. Not Otherwise Specified vevB Very Persistent and Very Bioaccumulative	ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways			
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VOC Volatile Organic Compounds CAS-No. Chemical Abstract Service number N.O.S. Not Otherwise Specified vPvB Very Persistent and Very Bioaccumulative	ThOD	Theoretical oxygen demand (ThOD)			
CAS-No. Chemical Abstract Service number N.O.S. Not Otherwise Specified vPvB Very Persistent and Very Bioaccumulative	TLM	Median Tolerance Limit			
N.O.S. Not Otherwise Specified vPvB Very Persistent and Very Bioaccumulative	VOC	Volatile Organic Compounds			
vPvB Very Persistent and Very Bioaccumulative	CAS-No.	Chemical Abstract Service number			
	N.O.S.	Not Otherwise Specified			
ED Endocrine disrupting properties	vPvB	Very Persistent and Very Bioaccumulative			
	ED	Endocrine disrupting properties			

Safety Data Sheet

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

Full text of H- and EUH-statements:			
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 3	Hazardous to the aquatic environment - Chronic Hazard, Category 3		
Asp. Tox. 1	Aspiration hazard, Category 1		
Eye Dam. 1	Serious eye damage/eye irritation, Category 1		
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2		
H304	May be fatal if swallowed and enters airways.		
H314	Causes severe skin burns and eye damage.		
H315	Causes skin irritation.		
H317	May cause an allergic skin reaction.		
H318	Causes serious eye damage.		
H319	Causes serious eye irritation.		
H360F	May damage fertility.		
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.		
Repr. 1B	Reproductive toxicity, Category 1B		
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C		
Skin Irrit. 2	Skin corrosion/irritation, Category 2		
Skin Sens. 1	Skin sensitisation, Category 1		

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP		
Skin Sens. 1	H317	Calculation method

The classification complies with : ATP 12

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.