

SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)



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

1.1. Product identifier

Product name : SPECIFIC 506 01 506 00 503 00 0W30

Product code : 59300

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

4-stroke engine lubricant

1.3. Details of the supplier of the safety data sheet

Registered company name : MOTUL

Address : 119, Boulevard Felix Faure. 93300 AUBERVILLIERS CEDEX FRANCE

Telephone : 33.1.48.11.70.00. Fax: 33.1.48.33.28.79. Telex: .

Email : motul_hse@motul.fr

1.4. Emergency telephone number : +44 (0) 1235 239 670.

Association/Organisation : ORFILA.

Other emergency numbers

BRAZIL : +55 11 3197 5891 / COLOMBIA : +57 1 508 7337 / ARGENTINA : +54 11 5984 3690 / CHILE : +562 2582 9336

Ireland : +353 1 8092566

UNITED STATES: 001 866 928 0789 / CANADA: 001 800 579 7421 / MEXICO : +52 55 5004 8763 / MIDDLE EAST - AFRICA : +44 1235 239671

24 hours a day, 7 days a week

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

May produce an allergic reaction (EUH208).

Hazardous to the aquatic environment - Chronic hazard, Category 3 (Aquatic Chronic 3, H412).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

2.2. Label elements

In compliance with EC regulation No. 1272/2008 and its amendments.

Additional labeling :

EUH208

Contains CALCIUM CARBONATE MONOPOLYBUTENYLBENZENESULFONATE SUCCINATE COMPLEXES. May produce an allergic reaction.

Hazard statements :

H412

Harmful to aquatic life with long lasting effects.

Precautionary statements - General :

P101

If medical advice is needed, have product container or label at hand.

P102

Keep out of reach of children.

Precautionary statements - Prevention :

P273

Avoid release to the environment.

Precautionary statements - Disposal :

P501

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

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) $\geq 0.1\%$ published by the European CHemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition :

Identification	(EC) 1272/2008	Note	%
CAS: 157707-86-3	GHS08		50 \leq x % < 100
EC: 500-393-3	Dgr		
REACH: 01-2119493949-12	Asp. Tox. 1, H304		

DEC-1-ENE, TRIMERS, HYDROGENATED CAS: 101316-72-7 EC: 309-877-7 REACH: 01-2119489969-06-xxxx		L	2.5 <= x % < 10
LUBRICATING OILS (PETROLEUM), C24 50, SOLVENT-EXTD., DEWAXED, HYDROGENATED CAS: 84605-29-8 EC: 283-392-8 REACH: 01-211943626-26	GHS05, GHS09 Dgr Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411		1 <= x % < 2.5 *
PHOSPHORODITHIOIC ACID, MIXED O,O-BIS (1,3-DIMETHYLBUTYL AND ISO-PR) ESTERS, ZINC SALTS CAS: 252315-85-8 EC: 685-142-7	GHS07 Wng Skin Sens. 1, H317		0 <= x % < 1
CALCIUM CARBONATE MONOPOLYBUTENYLBENZENESULFONATE SUCCINATE COMPLEXES CAS: 96152-43-1 EC: 306-115-5 REACH: 01-2119524001-62	GHS08 Wng Repr. 2, H361d Aquatic Chronic 4, H413	[2]	0 <= x % < 1
PHENOL, DODECYL-, BRANCHED, SULFURIZED CAS: 121158-58-5 EC: 310-154-3 REACH: 01-2119513207-49	GHS05, GHS09, GHS08 Dgr Skin Corr. 1C, H314 Eye Dam. 1, H318 Repr. 1B, H360F Aquatic Acute 1, H400 M Acute = 10 Aquatic Chronic 1, H410 M Chronic = 10	[2]	0 <= x % < 1

(Full text of H-phrases: see section 16)



Information on ingredients :

[2] Carcinogenic, mutagenic or reprotoxic (CMR) substance.

Note L: The carcinogen classification does not apply because the substance contains less than 3 % w/w of dimethyl sulphoxide (DMSO) measured using the IP 346 method.



Other data :

*This substance has a specific concentration limit (SCL)

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.
NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

In the event of exposure by inhalation :

In the event of an allergic reaction, seek medical attention.
Remove the victim to fresh air. If the symptoms persist, call a physician.



In the event of splashes or contact with eyes :

Wash immediately and abundantly with water, including under the eyelids.

In the event of splashes or contact with skin :

In the event of an allergic reaction, seek medical attention.
Immediately remove all soiled clothing.
Wash immediately and abundantly with soap and water.

In the event of swallowing :

Seek medical attention, showing the label.

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

No data available.

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

No data available.

SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

Suitable methods of extinction

Dry agent, foam, carbon dioxide.

Unsuitable methods of extinction

High volume water jet

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

5.3. Advice for firefighters

No data available.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

Spilled product may make surfaces slippery.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Avoid contact with eyes.

No special precaution apart from the observance of hygiene rules

Fire prevention :

Prevent access by unauthorised personnel.

Take precautionary measures against static discharges by bonding and grounding equipment.

No smoking.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Ensure good ventilation at the workplace

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

Do not breathe fumes, vapour, spray.

7.2. Conditions for safe storage, including any incompatibilities

Store between 5°C and 40°C in a dry, well ventilated place.

Only use hydrocarbon-resistant containers, joints and pipes.

Storage

Keep out of reach of children.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No data available.

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

PHENOL, DODECYL-, BRANCHED, SULFURIZED (CAS: 96152-43-1)

Final use:

Exposure method:

Potential health effects:

DNEL :

Workers.

Dermal contact.

Short term systemic effects.

80 mg/kg de poids corporel/jour

Exposure method:

Potential health effects:

DNEL :

Dermal contact.

Long term systemic effects.

1.04 mg/kg de poids corporel/jour

Exposure method:

Potential health effects:

DNEL :

Inhalation.

Short term systemic effects.

6.68 mg de substance/m3

Exposure method:

Potential health effects:

DNEL :

Inhalation.

Long term systemic effects.

3.526 mg de substance/m3

Final use:

Exposure method:

Potential health effects:

DNEL :

Consumers.

Ingestion.

Short term systemic effects.

25 mg/kg de poids corporel/jour

Exposure method:

Potential health effects:

DNEL :

Ingestion.

Long term systemic effects.

0.25 mg/kg de poids corporel/jour

Exposure method:

Potential health effects:

DNEL :

Dermal contact.

Short term systemic effects.

40 mg/kg de poids corporel/jour

Exposure method:

Potential health effects:

DNEL :

Dermal contact.

Long term systemic effects.

0.52 mg/kg de poids corporel/jour

Exposure method:

Potential health effects:

DNEL :

Inhalation.

Short term systemic effects.

66.8 mg de substance/m3

Exposure method:

Potential health effects:

DNEL :

Inhalation.

Long term systemic effects.

0.87 mg de substance/m3

PHOSPHORODITHIOIC ACID, MIXED O,O-BIS (1,3-DIMETHYLBUTYL AND ISO-PR) ESTERS, ZINC SALTS (CAS: 84605-29-8)

Final use:

Exposure method:

Potential health effects:

DNEL :

Workers.

Dermal contact.

Long term systemic effects.

12.1 mg/kg de poids corporel/jour

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 8.31 mg de substance/m3

Final use:**Consumers.**

Exposure method: Ingestion.
Potential health effects: Long term systemic effects.
DNEL : 0.24 mg/kg de poids corporel/jour

Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 6.1 mg/kg de poids corporel/jour

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 2.11 mg de substance/m3

**Predicted no effect concentration (PNEC):**

PHENOL, DODECYL-, BRANCHED, SULFURIZED (CAS: 96152-43-1)

Environmental compartment: Soil.
PNEC : 441 mg/kg

Environmental compartment: Fresh water.
PNEC : 0.25 mg/l

Environmental compartment: Sea water.
PNEC : 0.024 mg/l

Environmental compartment: Intermittent waste water.
PNEC : 2.5 mg/l

Environmental compartment: Fresh water sediment.
PNEC : 545.4 mg/kg

Environmental compartment: Marine sediment.
PNEC : 54.54 mg/kg

Environmental compartment: Waste water treatment plant.
PNEC : 6.5 mg/l

Environmental compartment: Salt water predators (oral).
PNEC : 6670 mg/kg

PHOSPHORODITHIOIC ACID, MIXED O,O-BIS (1,3-DIMETHYLBUTYL AND ISO-PR) ESTERS, ZINC SALTS (CAS: 84605-29-8)

Environmental compartment: Soil.
PNEC : 0.0548 mg/kg

Environmental compartment: Fresh water.
PNEC : 0.004 mg/l

Environmental compartment: Sea water.
PNEC : 0.0046 mg/l

8.2. Exposure controls**Appropriate engineering controls**

Ensure adequate ventilation, if possible with extractor fans at work posts and appropriate general extraction.
Personnel shall wear regularly laundered overalls.

**Personal protection measures, such as personal protective equipment**

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.



- Eye / face protection

Avoid contact with eyes.

Before handling, wear safety goggles in accordance with standard EN166.



- Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Recommended properties :

- Impervious gloves in accordance with standard EN374

- Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.



- Respiratory protection

Breathing apparatus only when aerosol or spray are formed.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information :

Physical state :	Fluid liquid.
Color:	Amber



Important health, safety and environmental information

pH :	Not relevant.
Boiling point/boiling range :	Not specified.
Flash Point Interval :	FP > 100°C.
Vapour pressure (50°C) :	Not relevant.
Density :	< 1
Water solubility :	Insoluble.
Viscosity :	53 mm ² /s à 40°C
Self-ignition temperature :	Not specified.

9.2. Other information

VOC (g/l) :	0
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SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available.



10.4. Conditions to avoid

Keep away from heat and from sources of ignition

Take precautionary measures against static discharges.



10.5. Incompatible materials

Strong oxidants

Acids

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

SECTION 11 : TOXICOLOGICAL INFORMATION



11.1. Information on toxicological effects

No data available.

11.1.1. Substances



Acute toxicity :

DODECYLPHENOL, MIXED ISOMERS, BRANCHED (CAS: 121158-58-5)

Oral route : LD50 = 2100 mg/kg
Species : Rat

Dermal route : LD50 = 15000 mg/kg
Species : Rabbit

PHENOL, DODECYL-, BRANCHED, SULFURIZED (CAS: 96152-43-1)

Oral route : LD50 > 5000 mg/kg
Species : Rat
OCDE Ligne directrice 401 (Toxicité aiguë par voie orale)

Dermal route : 2,000 < LD50 <= 5000 mg/kg
Species : Rabbit
OCDE Ligne directrice 402 (Toxicité aiguë par voie cutanée)

PHOSPHORODITHIOIC ACID, MIXED O,O-BIS (1,3-DIMETHYLBUTYL AND ISO-PR) ESTERS, ZINC SALTS (CAS: 84605-29-8)

Oral route : LD50 = 3150 mg/kg
Species : Rat
OCDE Ligne directrice 401 (Toxicité aiguë par voie orale)

Dermal route : 2,000 < LD50 <= 5000 mg/kg
Species : Rabbit

Inhalation route (n/a) : LC50 > 5 mg/l
Species : Rat

LUBRICATING OILS (PETROLEUM), C24 50, SOLVENT-EXTD., DEWAXED, HYDROGENATED (CAS: 101316-72-7)

Oral route : LD50 > 5000 mg/kg
Species : Rat
OCDE Ligne directrice 401 (Toxicité aiguë par voie orale)

Dermal route : LD50 > 5000 mg/kg
Species : Rabbit
OCDE Ligne directrice 402 (Toxicité aiguë par voie cutanée)

Inhalation route (n/a) : LC50 > 5 mg/l
Species : Rat
OCDE Ligne directrice 403 (Toxicité aiguë par inhalation)

DEC-1-ENE, TRIMERS, HYDROGENATED (CAS: 157707-86-3)

Oral route : 2000 < LD50 <= 5000 mg/kg
OCDE Ligne directrice 401 (Toxicité aiguë par voie orale)



Germ cell mutagenicity :

LUBRICATING OILS (PETROLEUM), C24 50, SOLVENT-EXTD., DEWAXED, HYDROGENATED (CAS: 101316-72-7)
No mutagenic effect.

Mutagenesis (in vivo) : Positive.

Mutagenesis (in vitro) : Negative.



Reproductive toxicant :

LUBRICATING OILS (PETROLEUM), C24 50, SOLVENT-EXTD., DEWAXED, HYDROGENATED (CAS: 101316-72-7)

No toxic effect for reproduction

OCDE Ligne directrice 421 (Essai de dépistage de la toxicité pour la reproduction et le développement)

11.1.2. Mixture

Acute toxicity :

Oral route :

No observed effect.
Species : Rat
2,000 < LD50 <= 5000 mg/kg

Dermal route :

No observed effect.
Species : Rabbit
2,000 < LD50 <= 5000 mg/kg
Species : Rat
LC50 > 5

Skin corrosion/skin irritation :

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non allergic contact dermatitis and absorption through the skin.

Serious damage to eyes/eye irritation :

Mild eye irritation

Respiratory or skin sensitisation :

Contains at least one sensitising substance. May cause an allergic reaction.

Specific target organ systemic toxicity - repeated exposure :

Oral route :

C > 2000

Dermal route :

C > 2000

Inhalation route (Dusts/mist/fumes) :

C > 0,25 mg/l/6hrs/day
Duration of exposure : 90 days

Aspiration hazard :

"Inhalation of vapours may cause irritation of the respiratory system in very susceptible persons."
May cause lung damage if swallowed

SECTION 12 : ECOLOGICAL INFORMATION

Harmful to aquatic life with long lasting effects.
The product must not be allowed to run into drains or waterways.

12.1. Toxicity

12.1.1. Substances

DODECYLPHENOL, MIXED ISOMERS, BRANCHED (CAS: 121158-58-5)

Fish toxicity : LC50 = 40 mg/l
Duration of exposure : 96 h

Crustacean toxicity : EC50 = 0.037 mg/l
Factor M = 10
Duration of exposure : 48 h

NOEC = 0.0037 mg/l
Factor M = 10
Duration of exposure : 21 jours

Aquatic plant toxicity : ECr50 = 0.36 mg/l
Factor M = 1
Duration of exposure : 72 h

PHENOL, DODECYL-, BRANCHED, SULFURIZED (CAS: 96152-43-1)

Fish toxicity : LC50 >= 500 mg/l
Duration of exposure : 96 h

Crustacean toxicity :	EC50 >= 750 mg/l Duration of exposure : 96 h
PHOSPHORODITHIOIC ACID, MIXED O,O-BIS (1,3-DIMETHYLBUTYL AND ISO-PR) ESTERS, ZINC SALTS (CAS: 84605-29-8)	
Fish toxicity :	LC50 = 4.5 mg/l Species : Oncorhynchus mykiss Duration of exposure : 96 h OCDE Ligne directrice 203 (Poisson, essai de toxicité aiguë)
Crustacean toxicity :	EC50 = 23 mg/l Duration of exposure : 48 h OCDE Ligne directrice 202 (Daphnia sp., essai d'immobilisation immédiate)
	NOEC = 0.4 mg/l Species : Daphnia magna Duration of exposure : 21 jours
Algae toxicity :	ECr50 = 21 mg/l Duration of exposure : 72 h OCDE Ligne directrice 201 (Algues, Essai d'inhibition de la croissance)
DEC-1-ENE, TRIMERS, HYDROGENATED (CAS: 157707-86-3)	
Fish toxicity :	LC50 >= 1000 mg/l Species : Oncorhynchus mykiss Duration of exposure : 96 h
Crustacean toxicity :	EC50 >= 1000 mg/l Duration of exposure : 48 h
	NOEC = 125 mg/l Species : Daphnia magna Duration of exposure : 21 jours
Algae toxicity :	ECr50 >= 1000 mg/l Species : Scenedesmus capricornutum Duration of exposure : 72 h
LUBRICATING OILS (PETROLEUM), C24 50, SOLVENT-EXTD., DEWAXED, HYDROGENATED (CAS: 101316-72-7)	
Fish toxicity :	LC50 > 100 mg/l Species : Pimephales promelas Duration of exposure : 96 h
	NOEC > 1000 mg/l Species : Oncorhynchus mykiss Duration of exposure : 14 jours
Crustacean toxicity :	EC50 > 10000 mg/l Species : Daphnia magna Duration of exposure : 48 h OCDE Ligne directrice 202 (Daphnia sp., essai d'immobilisation immédiate)
	NOEC = 10 mg/l Species : Daphnia magna Duration of exposure : 21 jours OCDE Ligne directrice 211 (Daphnia magna, essai de reproduction)
Algae toxicity :	NOEC > 100 mg/l Species : Raphidocelis subcapitata Duration of exposure : 72 h OCDE Ligne directrice 201 (Algues, Essai d'inhibition de la croissance)

12.1.2. Mixtures

Fish toxicity :	No observed effect. LC50 > 100 mg/l
Crustacean toxicity :	No observed effect. EC50 > 100 mg/l
Algae toxicity :	No observed effect. ECr50 > 100 mg/l

12.2. Persistence and degradability

12.2.1. Substances

DODECYLPHENOL, MIXED ISOMERS, BRANCHED (CAS: 121158-58-5)

Biodegradability : Non-rapidly degradable.

PHENOL, DODECYL-, BRANCHED, SULFURIZED (CAS: 96152-43-1)

Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

PHOSPHORODITHIOIC ACID, MIXED O,O-BIS (1,3-DIMETHYLBUTYL AND ISO-PR) ESTERS, ZINC SALTS (CAS: 84605-29-8)

Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

LUBRICATING OILS (PETROLEUM), C24 50, SOLVENT-EXTD., DEWAXED, HYDROGENATED (CAS: 101316-72-7)

Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

DEC-1-ENE, TRIMERS, HYDROGENATED (CAS: 157707-86-3)

Biodegradability : Rapidly degradable.

12.2.2. Mixtures

Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

12.3. Bioaccumulative potential

12.3.1. Substances

DODECYLPHENOL, MIXED ISOMERS, BRANCHED (CAS: 121158-58-5)

Octanol/water partition coefficient : log K_{ow} = 7.14

Bioaccumulation : BCF = 794.33

PHOSPHORODITHIOIC ACID, MIXED O,O-BIS (1,3-DIMETHYLBUTYL AND ISO-PR) ESTERS, ZINC SALTS (CAS: 84605-29-8)

Octanol/water partition coefficient : log K_{ow} = 0.56

DEC-1-ENE, TRIMERS, HYDROGENATED (CAS: 157707-86-3)

Octanol/water partition coefficient : log K_{ow} > 10

12.4. Mobility in soil

Not very mobile in soil.

The product is insoluble in water and will spread on the surface

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

Do not dispose of the product in the natural environment, effluents or surface waters.

German regulations concerning the classification of hazards for water (WGK, AwSV vom 18/04/2017, KBws) :

WGK 1 : Slightly hazardous for water.

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air,

soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

14.1. UN number

-

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

-

14.4. Packing group

-

14.5. Environmental hazards

-

14.6. Special precautions for user

-

SECTION 15 : REGULATORY INFORMATION

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

- Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2018/669 (ATP 11)

- Container information:

No data available.

- Particular provisions :

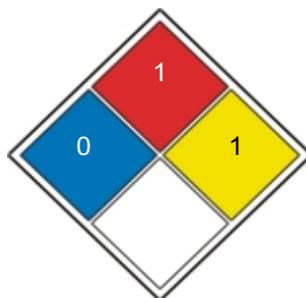
No data available.

- German regulations concerning the classification of hazards for water (WGK, AwSV vom 18/04/2017, KBws) :

WGK 1 : Slightly hazardous for water.

- Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704) :

NFPA 704, Labelling: Health=0 Inflammability=1 Instability/Reactivity=1 Specific Risk=none



15.2. Chemical safety assessment

No data available.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3 :

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.
H360F	May damage fertility.
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.
H413	May cause long lasting harmful effects to aquatic life.

**Abbreviations :**

DNEL : Derived No-Effect Level

PNEC : Predicted No-Effect Concentration

CMR: Carcinogenic, mutagenic or reprotoxic.

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefahrdungskategorie (Water Hazard Class).

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.