

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))  
WADIS 24/60**

Regulation (EU) n. 2020/878

**Safety Data Sheet date: 30/5/2023, version 10****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Trade name: WADIS 24/60  
SDS code: P10107  
UFI: D1AX-E388-VX0F-3HMO

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

Recommended use:

Lubricant  
Industrial uses

**1.3. Details of the supplier of the safety data sheet****Manufacturers:**

Socomore SASU

Zone Industrielle du Prat - CS 23707 - 56037 VANNES CEDEX - France

Tel : +33 (0)2 97 43 76 83 - Fax : +33 (0)2 97 54 50 26

Socomore Ireland Ltd. - Meenane, Watergrasshill, Co. Cork, Ireland - Tel +353 21 4889922 / Fax  
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**Competent person responsible for the safety data sheet:**

techdirsocomore@socomore.com

**1.4. Emergency telephone number**

France : ORFILA (INRS) +33 (0)1 45 42 59 59

International : CHEMTEL +1-813-248-0585.

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****EC regulation criteria 1272/2008 (CLP)**

- ⚠ Warning, Skin Sens. 1B, May cause an allergic skin reaction.
- ⚠ Danger, Asp. Tox. 1, May be fatal if swallowed and enters airways.  
Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.  
EUH066 Repeated exposure may cause skin dryness or cracking.

Adverse physicochemical, human health and environmental effects:

No other hazards

**2.2. Label elements**

Hazard pictograms:

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Danger

Hazard statements:

- H317 May cause an allergic skin reaction.
- H304 May be fatal if swallowed and enters airways.
- H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

- P261 Avoid breathing vapours.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/clothing and eye/face protection.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
- P331 Do NOT induce vomiting.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P362+P364 Take off contaminated clothing and wash it before reuse.

Special Provisions:

- EUH066 Repeated exposure may cause skin dryness or cracking.
- EUH208 Contains Reaction products between 1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-6-méthyl-, 2H-Benzotriazole-2-methanamine, N,N-bis(2-ethylhexyl)-4-méthyl-, 2H-Benzotriazole-2- methanamine, N,N-bis(2-ethylhexyl)-5-méthyl-, N,N-Bis(2-ethylhexyl)-4-méthyl-1H-benzotriazole-1- methylamine and N,N-Bis(2-ethylhexyl)-5-méthyl-1H-benzotriazole-1-methylamine. May produce an allergic reaction.

Contains

- HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS
- HYDROCARBONS, C10, AROMATICS, <1% NAPHTHALENE
- BENZENESULFONIC ACID, DI-C10-14-ALKYL DERIVS, CALCIUM SALTS

Special provisions according to Annex XVII of REACH and subsequent amendments:

- Restricted to professional users.

**2.3. Other hazards**

No PBT, vPvB or endocrine disruptor substances present in concentration  $\geq 0.1\%$

Other Hazards:

- No other hazards

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**SECTION 3: Composition/information on ingredients****3.1. Substances**

N.A.

**3.2. Mixtures**






Hazardous components within the meaning of the CLP regulation and related classification:

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Qty	Name	Ident. Number	Classification
>= 60% - < 70%	HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS	EC: 918-481-9 REACH No.: 01- 2119457273 -39	☠ 3.10/1 Asp. Tox. 1 H304 EUH066 DECLP (CLP)*
>= 5% - < 7%	HYDROCARBONS, C10, AROMATICS, <1% NAPHTHALENE	EC: 918-811-1 REACH No.: 01- 2119463583 -34	☠ 3.10/1 Asp. Tox. 1 H304 ⚠ 3.8/3 STOT SE 3 H336 ☠ 4.1/C2 Aquatic Chronic 2 H411 EUH066
>= 1% - < 3%	BENZENESULFONIC ACID, DI-C10-14- ALKYL DERIVS, CALCIUM SALTS	EC: 939-603-7 REACH No.: 01- 2119978241 -36	⚠ 3.4.2/1B Skin Sens. 1B H317
>= 1% - < 3%	(2- Methoxymethylethoxy)- propanol	Index number: 603_998_97 _1 CAS: 34590-94-8 EC: 252-104-2 REACH No.: 01- 2119450011 -60	Substance with a Union workplace exposure limit.
>= 0.3% - < 0.5%	Reaction products between 1H- Benzotriazole-1- methanamine, N,N- bis(2-ethylhexyl)-6- méthyl-, 2H- Benzotriazole-2- methanamine, N,N- bis(2-ethylhexyl)-4- methyl-, 2H- Benzotriazole-2- methanamine, N,N- bis(2-ethylhexyl)-5- methyl-, N,N-Bis(2- ethylhexyl)-4-methyl- 1H-benzotriazole-1- methylamine and N,N- Bis(2-ethylhexyl)-5- methyl-1H- benzotriazole-1- methylamine	EC: 939-700-4 REACH No.: 01- 2119982395 -25	⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.4.2/1B Skin Sens. 1B H317 ☠ 4.1/A1 Aquatic Acute 1 H400 ☠ 4.1/C2 Aquatic Chronic 2 H411

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>= 0.001% - < 0.1%	naphthalene	Index	601-052-00-2	 2.7/2 Flam. Sol. 2 H228
		number:		 3.6/2 Carc. 2 H351
		CAS:	91-20-3	 4.1/A1 Aquatic Acute 1 H400
		EC:	202-049-5	 4.1/C1 Aquatic Chronic 1 H410  3.1/4/Oral Acute Tox. 4 H302

\*DECLP (CLP): Substance classified in accordance with Note P, Annex VI of EC Regulation (EC) 1272/2008. The harmonised classification as a carcinogen or mutagen applies unless it can be shown that the substance contains less than 0,1 % w/w benzene (Einecs No 200-753-7), in which case a classification in accordance with Title II of this Regulation shall be performed also for those hazard classes. Where the substance is not classified as a carcinogen or mutagen, at least the precautionary statements (P102)-P260-P262-P301 + P310-P331 shall apply.

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose of safely.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do NOT induce vomiting.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

None

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

No particular treatment.

#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO<sub>2</sub>).

Extinguishing media which must not be used for safety reasons:

None in particular.

##### 5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

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### 5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

### 6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

### 6.3. Methods and material for containment and cleaning up

Wash with plenty of water.

### 6.4. Reference to other sections

See also section 8 and 13

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

### 7.3. Specific end use(s)

None in particular

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Occupational exposure limit values

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

- OEL Type: National - TWA: 1000 mg/m<sup>3</sup> - STEL: 1500 mg/m<sup>3</sup> - Notes: France

- OEL Type: National - TWA: 1200 mg/m<sup>3</sup>, 184 ppm - Notes: ExxonMobil

- OEL Type: EU - TWA: 1200 mg/m<sup>3</sup> - Notes: EU HSPA

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- OEL Type: National - TWA: 25 ppm - Notes: Denmark
- OEL Type: National - TWA: 300 mg/m<sup>3</sup>, 50 ppm - Notes: Germany
- OEL Type: National - TWA: 300 mg/m<sup>3</sup> - STEL: 900 mg/m<sup>3</sup> - Notes: Poland
- OEL Type: National - TWA: 150 mg/m<sup>3</sup>, 25 ppm - STEL: 300 mg/m<sup>3</sup>, 50 ppm - Notes: Sweden
- OEL Type: National - TWA: 300 mg/m<sup>3</sup>, 50 ppm - STEL: 600 mg/m<sup>3</sup>, 100 ppm - Notes: Switzerland
- OEL Type: National - TWA: 300 mg/m<sup>3</sup> - STEL: 900 mg/m<sup>3</sup> - Notes: Poland (NDS, NDSCh)

#### HYDROCARBONS, C10, AROMATICS, <1% NAPHTHALENE

- OEL Type: National - TWA: 100 mg/m<sup>3</sup>, 17 ppm - Notes: ExxonMobil
- (2-Methoxymethylethoxy)-propanol - CAS: 34590-94-8
- OEL Type: National - TWA(8h): 310 mg/m<sup>3</sup> - Notes: Germany - Notes DFG, EU
  - OEL Type: National - TWA(8h): 308 mg/m<sup>3</sup>, 50 ppm - Notes: France VLEC - TMP N° 84
  - OEL Type: EU - TWA(8h): 308 mg/m<sup>3</sup>, 50 ppm - Notes: Skin
  - OEL Type: National - TWA: 270 mg/m<sup>3</sup> - STEL: 550 mg/m<sup>3</sup> - Notes: Czech Republic
  - OEL Type: ACGIH - TWA(8h): 50 ppm - Notes: Liver & CNS eff
  - OEL Type: National - TWA(8h): 308 mg/m<sup>3</sup>, 50 ppm - Notes: UK - Skin
  - OEL Type: National - TWA: 307 mg/m<sup>3</sup>, 50 ppm - STEL(5 min (Mow)): 614 mg/m<sup>3</sup>, 100 ppm - Notes: Österreich
  - OEL Type: National - TWA: 308 mg/m<sup>3</sup>, 50 ppm - Notes: TWA Poland
  - OEL Type: National - TWA: 240 mg/m<sup>3</sup> - STEL: 480 mg/m<sup>3</sup> - Notes: Poland (NDS, NDSCh)

Reaction products between 1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-6-méthyl-, 2H-Benzotriazole-2-methanamine, N,N-bis(2-ethylhexyl)-4-méthyl-, 2H-Benzotriazole-2-methanamine, N,N-bis(2-ethylhexyl)-5-méthyl-,

N,N-Bis(2-ethylhexyl)-4-méthyl-1H-benzotriazole-1- méthylamine and

N,N-Bis(2-ethylhexyl)-5-méthyl-1H-benzotriazole-1-méthylamine

- OEL Type: TWA - TWA: 1 mg/m<sup>3</sup> - Notes: Inhalable

naphthalene - CAS: 91-20-3

- OEL Type: National - TWA(8h): 50 mg/m<sup>3</sup>, 10 ppm - Notes: INRS, France
- OEL Type: EU - TWA(8h): 50 mg/m<sup>3</sup>, 10 ppm
- OEL Type: ACGIH - TWA(8h): 10 ppm - Notes: Skin, A3 - URT irr, cataracts, hemolytic anemia
- OEL Type: National - TWA: 50 mg/m<sup>3</sup>, 10 ppm - Notes: Ireland OELs

#### DNEL Exposure Limit Values

#### HYDROCARBONS, C10, AROMATICS, <1% NAPHTHALENE

Worker Industry: 12.5 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 150 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 7.5 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Consumer: 32 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

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Consumer: 7.5 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

(2-Methoxymethylethoxy)-propanol - CAS: 34590-94-8

Worker Industry: 65 mg/kg b.w./day - Consumer: 15 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 310 mg/m<sup>3</sup> - Consumer: 37.2 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 1.67 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

Reaction products between 1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-6-méthyl-, 2H-Benzotriazole-2-methanamine, N,N-bis(2-ethylhexyl)-4-méthyl-, 2H-Benzotriazole-2-methanamine, N,N-bis(2-ethylhexyl)-5-méthyl-, N,N-Bis(2-ethylhexyl)-4-méthyl-1H-benzotriazole-1- méthylamine and N,N-Bis(2-ethylhexyl)-5-méthyl-1H-benzotriazole-1-méthylamine

Worker Industry: 1.3 mg/m<sup>3</sup> - Consumer: 0.3 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 0.4 mg/kg - Consumer: 0.2 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Consumer: 0.2 - Exposure: Human Oral - Frequency: Long Term, systemic effects

Worker Industry: 1.3 mg/m<sup>3</sup> - Consumer: 0.3 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 0.4 mg/kg - Consumer: 0.2 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Consumer: 0.2 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

#### PNEC Exposure Limit Values

(2-Methoxymethylethoxy)-propanol - CAS: 34590-94-8

Target: Fresh Water - Value: 19 mg/l

Target: Marine water - Value: 1.9 mg/l

Target: Microorganisms in sewage treatments - Value: 4168 mg/l

Target: Freshwater sediments - Value: 70.2 mg/kg - Notes:: mg/kg p.s.

Target: Marine water sediments - Value: 7.02 mg/kg - Notes:: mg/kg p.s.

Target: Soil (agricultural) - Value: 2.74 mg/kg - Notes:: mg/kg p.s.

Target: Water (intermittent discharge) - Value: 190 mg/l

Reaction products between 1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-6-méthyl-, 2H-Benzotriazole-2-methanamine, N,N-bis(2-ethylhexyl)-4-méthyl-, 2H-Benzotriazole-2-methanamine, N,N-bis(2-ethylhexyl)-5-méthyl-, N,N-Bis(2-ethylhexyl)-4-méthyl-1H-benzotriazole-1- méthylamine and N,N-Bis(2-ethylhexyl)-5-méthyl-1H-benzotriazole-1-méthylamine

Target: Fresh Water - Value: 0.000976 mg/l

Target: Marine water - Value: 0.000098 mg/l

Target: Microorganisms in sewage treatments - Value: 0.69 mg/l

Target: Freshwater sediments - Value: 0.0121 mg/kg - Notes:: 0,0121 - 4,23 mg/kg

Target: Marine water sediments - Value: 0.00121 mg/kg - Notes:: 0,00121 - 0,423 mg/kg

Target: Soil - Value: 0.00184 mg/kg - Notes:: 0,00184 - 0,842 mg/kg

Target: Sporadic discharge - Value: 0.00976 mg/l

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Target: Sewage treatment plant - Value: 0.69 mg/l

Biological Exposure Index

N.A.

#### 8.2. Exposure controls

See below, example of PPE to use.

Eye protection:

Safety goggles (EN 166)

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Suitable gloves type: NF EN374

NBR (nitrile rubber).

PVA (Polyvinyl alcohol).

Respiratory protection:

Not needed for normal use.

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

Other conditions affecting workers exposure:

None

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes
Physical state:	Liquid	--	--
Colour:	Brown	--	--
Odour:	N.A.	--	--
Melting point/freezing point:	Not Relevant	--	--
Boiling point or initial boiling point and boiling range:	180 °C	--	--
Flammability:	N.A.	--	--
Lower and upper explosion limit:	0.6-14%	--	--
Flash point (°C):	62°C	EN ISO 13736	--
Auto-ignition temperature:	>200°C	--	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics



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Decomposition temperature:	N.A.	--	--
pH:	N.A.	--	--
Kinematic viscosity:	<= 14 mm <sup>2</sup> /sec (40 °C)	--	--
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	N.A.	--	--
Density and/or relative density:	0.83	ISO 649, ASTM D1298	--
Relative vapour density:	N.A.	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

9.2. Other information

Properties	Value	Method:	Notes
Viscosity:	25 SEC	ISO 2431, NF EN 535	--

Volatile Organic compounds - VOCs = 606 g/l

N.A. = not available

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**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

Stable under normal conditions

**10.2. Chemical stability**

Stable under normal conditions

**10.3. Possibility of hazardous reactions**

None

**10.4. Conditions to avoid**

Stable under normal conditions.

**10.5. Incompatible materials**

None in particular.

**10.6. Hazardous decomposition products**

None.

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Toxicological information of the product:

N.A.

Toxicological information of the main substances found in the product:

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg - Source: OECD Test Guideline 401

Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg - Source: OECD Test Guideline 402

Test: LC50 - Route: Inhalation Vapour - Species: Rat > 5000 mg/m3 - Duration: 4h

HYDROCARBONS, C10, AROMATICS, <1% NAPHTHALENE

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg - Source: OECD 401

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg - Source: OECD 402

Test: LC50 - Route: Inhalation - Species: Rat > 2 mg/l

Test: LC50 - Route: Inhalation Vapour - Species: Rat > 4688 mg/m3 - Duration: 4h -

Source: OECD 403

BENZENESULFONIC ACID, DI-C10-14-ALKYL DERIVS, CALCIUM SALTS

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

(2-Methoxymethylethoxy)-propanol - CAS: 34590-94-8

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5.000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit = 9.510 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat = 3.350 mg/m3 - Notes: aerosol, 7h

Reaction products between 1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-6-méthyl-,  
2H-Benzotriazole-2-methanamine, N,N-bis(2-ethylhexyl)-4-méthyl-, 2H-Benzotriazole-2-  
methanamine, N,N-bis(2-ethylhexyl)-5-méthyl-,

N,N-Bis(2-ethylhexyl)-4-méthyl-1H-benzotriazole-1- methylamine and

N,N-Bis(2-ethylhexyl)-5-méthyl-1H-benzotriazole-1-methylamine

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 2.000 mg/kg

Test: LD50 - Route: Skin - Species: Rat > 2.000 mg/kg

naphthalene - CAS: 91-20-3

Acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat > 0.4 mg/l - Duration: 4h

Test: LD50 - Route: Oral - Species: Mouse = 533 mg/kg

If not differently specified, the information required in Regulation (EU)2020/878 listed below must be considered as N.A.:

Acute toxicity;

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Skin corrosion/irritation;  
Serious eye damage/irritation;  
Respiratory or skin sensitisation;  
Germ cell mutagenicity;  
Carcinogenicity;  
Reproductive toxicity;  
STOT-single exposure;  
STOT-repeated exposure;  
Aspiration hazard.

**11.2. Information on other hazards**

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration  $\geq 0.1\%$

Other toxicological information:

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

Eye contact:

May cause mild and transient eye discomfort.

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BENZENESULFONIC ACID, DI-C10-14-ALKYL DERIVS, CALCIUM SALTS

Skin sensitization:

May cause skin sensitization.

Respiratory irritation:

If the product is in the form of fog or vapours produced by heating: irritation of mucous membranes and upper respiratory tract.

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**SECTION 12: Ecological information****12.1. Toxicity**

Adopt good working practices, so that the product is not released into the environment.

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

a) Aquatic acute toxicity:

Endpoint: NOEC - Species: Pseudokirchneriella subcapitata (green algae) > 1000 mg/l - Duration h: 72 - Notes: OECD Test Guideline 201

Endpoint: EC50 - Species: Daphnia > 1000 mg/l - Duration h: 48 - Notes: OECD Test Guideline 202

Endpoint: LC50 - Species: Rainbow Trout (Oncorhynchus mykiss) > 1000 mg/l - Duration h: 96 - Notes: OECD Test Guideline 203

b) Aquatic chronic toxicity:

Endpoint: NOAEL - Species: Daphnia = 0.18 mg/l - Duration h: 504 - Notes: Daphnia magna

Endpoint: NOAEL - Species: Fish = 0.10 mg/l - Duration h: 672 - Notes: Oncorhynchus mykiss

HYDROCARBONS, C10, AROMATICS, <1% NAPHTHALENE

a) Aquatic acute toxicity:

Endpoint: EL50

- Species: Crustacea  $\geq 3$  mg/l - Duration h: 48 - Notes: Daphnia magna

Endpoint: EL50

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- Species: Crustacea <= 10 mg/kg/d - Duration h: 48 - Notes: Daphnia magna

Endpoint: LL50

- Species: Fish >= 2 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss

Endpoint: LL50

- Species: Fish < 5 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss

Endpoint: NOELR - Species: Algae = 2.5 mg/l - Duration h: 72 - Notes: Pseudokirchnerella subcapitata

Endpoint: EL50

- Species: Algae = 11 mg/l - Duration h: 72 - Notes: Pseudokirchnerella subcapitata

#### BENZENESULFONIC ACID, DI-C10-14-ALKYL DERIVS, CALCIUM SALTS

##### a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96 - Notes: Truite arc-en-ciel

Endpoint: NOEC - Species: Fish > 100 mg/l - Duration h: 96 - Notes: Truite arc-en-ciel

Endpoint: LC0 - Species: Fish > 10000 mg/kg/d - Duration h: 96 - Notes: Cyprinodon variegatus

Endpoint: EC50 - Species: Daphnia > 1000 mg/l - Duration h: 48 - Notes: Cladocère

Endpoint: EC50 - Species: Algae > 100 mg/l - Duration h: 72 - Notes: Selenestrum capricomutum

(2-Methoxymethylethoxy)-propanol - CAS: 34590-94-8

##### a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 1.000 mg/l - Duration h: 96 - Notes: Poecilia reticulata

Endpoint: LC50 - Species: Daphnia > 1.000 mg/l - Duration h: 96 - Notes: Crangon crangon

Endpoint: EC50 - Species: Algae > 969 mg/l

##### b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia > 0.5 mg/l - Duration h: 528 - Notes: LOEC: > 0,5 mg/l, 22 days

##### e) Plant toxicity:

Endpoint: NOEC = 250.000 mg/l

Reaction products between 1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-6-méthyl-, 2H-Benzotriazole-2-methanamine, N,N-bis(2-ethylhexyl)-4-méthyl-, 2H-Benzotriazole-2- methanamine, N,N-bis(2-ethylhexyl)-5-méthyl-, N,N-Bis(2-ethylhexyl)-4-méthyl-1H-benzotriazole-1- methylamine and N,N-Bis(2-ethylhexyl)-5-méthyl-1H-benzotriazole-1-méthylamine

##### a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 1.3 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia = 1.4 mg/l - Duration h: 24

Endpoint: EC50 - Species: Algae = 0.976 mg/l - Duration h: 72 - Notes: Desmodesmus subspicatus, taux de croissance

Endpoint: EC10 - Species: Algae = 0.658 mg/l - Duration h: 72 - Notes: Desmodesmus subspicatus, taux de croissance

##### c) Bacteria toxicity:

Species: bacteria = 69 mg/l - Duration h: 3 - Notes: CI50

#### 12.2. Persistence and degradability

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

Biodegradability: Biodegradability rate - Test: OECD 301F - Duration: 28 days - %: 80

HYDROCARBONS, C10, AROMATICS, <1% NAPHTHALENE

Biodegradability: Readily biodegradable - Duration: 28 days - %: 50%

BENZENESULFONIC ACID, DI-C10-14-ALKYL DERIVS, CALCIUM SALTS

Biodegradability: Oxygen depletion - %: 8

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(2-Methoxymethylethoxy)-propanol - CAS: 34590-94-8

Biodegradability: Biodegradability rate - Test: OECD 301F - Duration: 28 days - %: 75

Biodegradability: Biodegradability rate - Test: OECD 302B - Duration: 13 days - %: 93

Reaction products between 1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-6-méthyl-, 2H-Benzotriazole-2-methanamine, N,N-bis(2-ethylhexyl)-4-méthyl-, 2H-Benzotriazole-2- methanamine, N,N-bis(2-ethylhexyl)-5-méthyl-, N,N-Bis(2-ethylhexyl)-4-méthyl-1H-benzotriazole-1- methylamine and N,N-Bis(2-ethylhexyl)-5-méthyl-1H-benzotriazole-1-méthylamine

Biodegradability: Non-readily biodegradable

naphthalene - CAS: 91-20-3

Biodegradability: Biodegradability rate - Duration: 28 days - %: 50

#### 12.3. Bioaccumulative potential

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

Potentially bioaccumulative.

BENZENESULFONIC ACID, DI-C10-14-ALKYL DERIVS, CALCIUM SALTS

Log Kow 26.22

(2-Methoxymethylethoxy)-propanol - CAS: 34590-94-8

Log Pow 1.01

BCF < 100

#### 12.4. Mobility in soil

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

Floats on the water. Adsorption in soil, low mobility.

#### 12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

#### 12.6. Endocrine disrupting properties

No endocrine disruptor substances present in concentration  $\geq 0.1\%$

#### 12.7. Other adverse effects

Deutsche Verordnung zur Klassifizierung der Wasserfährdung (WGK) : WGK2

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

Codes of wastes (Décision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste):

08 01 11\* wastes of paint and varnish containing organic solvents or other dangerous substances

### SECTION 14: Transport information

#### 14.1. UN number or ID number

Not classified as dangerous in the meaning of ADR, IATA and IMDG transport regulations.

#### 14.2. UN proper shipping name

N.A.

#### 14.3. Transport hazard class(es)

N.A.

#### 14.4. Packing group

N.A.

#### 14.5. Environmental hazards

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ADR-Environmental Pollutant: No

IMDG-Marine pollutant: No

**14.6. Special precautions for user**

N.A.

**14.7. Maritime transport in bulk according to IMO instruments**

N.A.

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**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) n. 944/2013 (ATP 5 CLP)

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Regulation (EU) n. 2015/1221 (ATP 7 CLP)

Regulation (EU) n. 2016/918 (ATP 8 CLP)

Regulation (EU) n. 2016/1179 (ATP 9 CLP)

Regulation (EU) n. 2017/776 (ATP 10 CLP)

Regulation (EU) n. 2018/669 (ATP 11 CLP)

Regulation (EU) n. 2018/1480 (ATP 13 CLP)

Regulation (EU) n. 2019/521 (ATP 12 CLP)

Regulation (EU) n. 2020/217 (ATP 14 CLP)

Regulation (EU) n. 2020/1182 (ATP 15 CLP)

Regulation (EU) n. 2021/643 (ATP 16 CLP)

Regulation (EU) n. 2021/849 (ATP 17 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 3

Restrictions related to the substances contained:

Restriction 28

Restriction 40

Restriction 75

Listed or in compliance with the following international inventories:

AICS - Australian Inventory of Chemical Substances

Canada (DSL): All the substances of this product are listed on the DSL list.

IECSC - Inventory of Existing Chemical Substances Produced or Imported in China

Japan (ENCS) - Japanese Existing and New Chemical Substances Inventory

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KECI - Korea Existing Chemical Inventory  
NZIoC - New Zealand Inventory of Chemicals  
PICCS - Philippine Inventory of Chemicals and Chemical Substances  
TCSI - Taiwan Chemical Substance Inventory  
TSCA - Toxic Substances Control Act

The following substance(s) in this product has/have an identification by CAS number either in countries not affected by the REACH regulation or in regulations not yet updated to reflect the new naming convention for hydrocarbon solvents:

HYDROCARBONS, C10, AROMATICS, <1% NAPHTALENE (CAS: 64742-94-5)

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (CAS: 64742-48-9)

Labelling of detergents (EC Regulations 648/2004 and 907/2006):

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Preservatives: Reaction products between 1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-6-méthyl-, 2H-Benzotriazole-2-methanamine, N,N-bis(2-ethylhexyl)-4-methyl-, 2H-Benzotriazole-2- methanamine, N,N-bis(2-ethylhexyl)-5-methyl-, N,N-Bis(2-ethylhexyl)-4-me

Labelling of biocides (Regulations 1896/2000, 1687/2002, 2032/2003, 1048/2005, 1849/2006, 1451/2007 and Directive 98/8/EC):

N.A.

N.A.

Where applicable, refer to the following regulatory provisions :

Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.

1999/13/EC (VOC directive)

Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

None

**15.2. Chemical safety assessment**

No

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**SECTION 16: Other information**

N.A.: Not Applicable or Not Available

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Full text of phrases referred to in Section 3:

- H304 May be fatal if swallowed and enters airways.
- EUH066 Repeated exposure may cause skin dryness or cracking.
- H336 May cause drowsiness or dizziness.
- H411 Toxic to aquatic life with long lasting effects.
- H317 May cause an allergic skin reaction.
- H315 Causes skin irritation.
- H400 Very toxic to aquatic life.
- H228 Flammable solid.
- H351 Suspected of causing cancer.
- H410 Very toxic to aquatic life with long lasting effects.
- H302 Harmful if swallowed.

Hazard class and hazard category	Code	Description
Flam. Sol. 2	2.7/2	Flammable solid, Category 2
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Skin Sens. 1B	3.4.2/1B	Skin Sensitisation, Category 1B
Carc. 2	3.6/2	Carcinogenicity, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, category 2
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Skin Sens. 1B, H317	Calculation method
Asp. Tox. 1, H304	Calculation method



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Aquatic Chronic 3, H412	Calculation method
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This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

CCNL - Appendix 1

Insert further consulted bibliography

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SOCOMORE strongly advises every recipient of this safety data sheet to read it carefully and to consult experts in the field if necessary or appropriate, in order to understand the information it contains, notably the possible dangers associated with this product. The users must ensure the conformity and completeness of this information with regards to their specific use of the product.

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the responsibility of the purchaser/user to ensure that their activities conform with current legislation in force.

The information is considered correct, but it is not exhaustive and it shall be used only as a guide which is based on the current knowledge of the substance or mixture and it is applicable to the safety precautions appropriate for the product.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization"

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	(ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
STOT SE:	May cause drowsiness or dizziness
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.