

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

WADIS 24/60 AEROSOL

Regulation (EU) n. 2020/878

Master item code: **P10107**

Safety Data Sheet date: 13/2/2025, version 13

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

1.1. Product identifier

Trade name: WADIS 24/60 AEROSOL
SDS code: P10118EU
UFI: 0ESW-W4R1-1X05-FPKP

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

Recommended use:

Lubricant
Industrial uses

Uses advised against:

No uses advised against are identified.

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 90

Manufacturing - Parc Gohelis - 56250 ELVEN 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 +353 21 4889923 / ireland@socomore.com

Distributors:

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Competent person responsible for the safety data sheet:

msdsinformation-eu@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)

- ☠ Danger, Aerosols 1, Extremely flammable aerosol. Pressurized container: may burst if heated.
- ☠ 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.

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Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:



Danger

Hazard statements:

H222, H229 Extremely flammable aerosol. Pressurized container: may burst if heated.

H304 May be fatal if swallowed and enters airways.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

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.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

Special Provisions:

EUH066 Repeated exposure may cause skin dryness or cracking.

Contains

BENZENESULFONIC ACID, DI-C10-14-ALKYL DERIVS, CALCIUM SALTS: May produce an allergic reaction.

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: May produce an allergic reaction.

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

None

2.3. Other hazards

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

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
>= 3% - < 5%	Dinitrogen oxide	CAS: 10024-97-2 EC: 233-032-0 REACH No.: 01- 2119970538 -25	⚠ 2.4/1 Ox. Gas 1 H270 ⚠ 2.5/C Press Gas (Comp.) H280
>= 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 Specific Concentration Limits: C >= 10%: Skin Sens. 1B H317
>= 0.5% - < 1%	(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-	EC: 939-700-4	⚠ 3.2/2 Skin Irrit. 2 H315

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	1H-benzotriazole-1-methylamine and N,N-Bis(2-ethylhexyl)-5-methyl-1H-benzotriazole-1-methylamine	REACH No.: 01-2119982395-25	<ul style="list-style-type: none"> ⚠ 3.4.2/1B Skin Sens. 1B H317 ⚠ 4.1/A1 Aquatic Acute 1 H400 ⚠ 4.1/C2 Aquatic Chronic 2 H411
>= 0.3% - < 0.5%	1,2,4-trimethylbenzene	Index number: 601-043-00-3 CAS: 95-63-6 EC: 202-436-9	<ul style="list-style-type: none"> ⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 3.3/2 Eye Irrit. 2 H319 ⚠ 3.8/3 STOT SE 3 H335 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 4.1/C2 Aquatic Chronic 2 H411 ⚠ 3.1/4/Inhal Acute Tox. 4 H332 <p>Acute Toxicity Estimate: ATE - Inhalation (Vapours) 11 mg/l</p>
>= 0.001% - < 0.1%	naphthalene	Index number: 601-052-00-2 CAS: 91-20-3 EC: 202-049-5	<ul style="list-style-type: none"> ⚠ 2.7/2 Flam. Sol. 2 H228 ⚠ 3.6/2 Carc. 2 H351 ⚠ 4.1/A1 Aquatic Acute 1 H400 M=1. ⚠ 4.1/C1 Aquatic Chronic 1 H410 M=1. ⚠ 3.1/4/Oral Acute Tox. 4 H302 <p>Acute Toxicity Estimate: ATE - Oral 500 mg/kg bw</p>

*DECLP (CLP): Substance classified in accordance with Note P, Annex VI of EC Regulation (EC) 1272/2008. The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (Einecs No 200-753-7). When the substance is not classified as a carcinogen at least the precautionary statements (P102)-P260-P262-P301 + P310-P331 shall apply. This note applies only to certain complex oil-derived substances in Part 3.

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 with plenty of water and soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose of safely.

In case of eyes contact:

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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:

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.

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove all sources of ignition.

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

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, ensure that there aren't any incompatible material residuals in the containers.

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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

Store at ambient temperatures. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

7.3. Specific end use(s)

None in particular

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/m³ - STEL: 1500 mg/m³ - Behaviour: Indicative -

Notes: France

- OEL Type: National - TWA: 1200 mg/m³, 184 ppm - Notes: ExxonMobil

- OEL Type: EU - TWA: 1050 mg/m³ - Notes: EU HSPA

- OEL Type: National - TWA: 25 ppm - Notes: Denmark

- OEL Type: National - TWA: 300 mg/m³, 50 ppm - Notes: Germany

- OEL Type: National - TWA: 300 mg/m³ - STEL: 900 mg/m³ - Notes: Poland

- OEL Type: National - TWA: 150 mg/m³, 25 ppm - STEL: 300 mg/m³, 50 ppm - Notes:

Sweden

- OEL Type: National - TWA: 300 mg/m³, 50 ppm - STEL: 600 mg/m³, 100 ppm - Notes:

Switzerland

- OEL Type: National - TWA: 300 mg/m³ - STEL: 900 mg/m³ - Notes: Poland (NDS, NDSch)

HYDROCARBONS, C10, AROMATICS, <1% NAPHTHALENE

- OEL Type: National - TWA: 100 mg/m³, 17 ppm - Notes: ExxonMobil

- OEL Type: ACGIH - TWA: 200 mg/m³ - Notes: Total hydrocarbon vapor

- OEL Type: EU - TWA: 100 mg/m³ - Notes: EU HSPA

Dinitrogen oxide - CAS: 10024-97-2

- OEL Type: ACGIH - TWA(8h): 50 ppm - Notes: A4 - CNS impair, hematologic eff, embryo/fetal dam

- OEL Type: National - TWA: 100 mg/m³, 183 ppm - Notes: UK

- OEL Type: National - TWA: 100 mg/m³, 180 ppm - Notes: Germany

(Überschreitungsfaktor 2 (II) - DFG, Y

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

- OEL Type: National - TWA(8h): 310 mg/m³ - Notes: Germany - Notes DFG, EU

- OEL Type: National - TWA(8h): 308 mg/m³, 50 ppm - Behaviour: Binding - Notes:

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France VLEC - TMP N° 84 (peau)

- OEL Type: EU - TWA(8h): 308 mg/m³, 50 ppm - Notes: Skin
- OEL Type: National - TWA: 270 mg/m³ - STEL: 550 mg/m³ - Notes: Czech Republic
- OEL Type: ACGIH - TWA(8h): 50 ppm - Notes: Liver & CNS eff
- OEL Type: National - TWA(8h): 308 mg/m³, 50 ppm - Notes: UK - Skin
- OEL Type: National - TWA: 307 mg/m³, 50 ppm - STEL(5 min (Mow)): 614 mg/m³, 100 ppm - Notes: Österreich
- OEL Type: National - TWA: 308 mg/m³, 50 ppm - Notes: TWA Poland
- OEL Type: National - TWA: 240 mg/m³ - STEL: 480 mg/m³ - 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/m³ - Notes: Inhalable

1,2,4-trimethylbenzene - CAS: 95-63-6

- OEL Type: EU - TWA(8h): 100 mg/m³, 20 ppm
- OEL Type: ACGIH - TWA(8h): 10 ppm - Notes: A4 - CNS impair, hematologic eff
- OEL Type: National - TWA: 100 mg/m³ - STEL: 170 mg/m³ - Notes: Poland
- OEL Type: National - TWA(8h): 100 mg/m³, 20 ppm - Notes: Ireland (NAOSH, 5/2001)

naphthalene - CAS: 91-20-3

- OEL Type: National - TWA(8h): 50 mg/m³, 10 ppm - Notes: INRS, France
- OEL Type: EU - TWA(8h): 50 mg/m³, 10 ppm
- OEL Type: ACGIH - TWA(8h): 52 mg/m³, 10 ppm - Notes: Skin, A3 - URT irr, cataracts, hemolytic anemia
- OEL Type: National - TWA(8h): 50 mg/m³, 10 ppm - Notes: Ireland OELs

DNEL Exposure Limit Values

HYDROCARBONS, C10, AROMATICS, <1% NAPHTHALENE

Worker Industry: 12.5 mg/kg b.w./day - Consumer: 7.5 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 151 mg/m³ - Consumer: 32 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

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

Worker Industry: 2.31 mg/m³ - Consumer: 0.69 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects

Consumer: 25.6 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

Worker Industry: 160.23 mg/m³ - Consumer: 143.5 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Industry: 384 mg/m³ - Consumer: 226 mg/m³ - Exposure: Human Inhalation - 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

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Dermal - Frequency: Long Term, systemic effects

Worker Industry: 310 mg/m³ - Consumer: 37.2 mg/m³ - 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- methylamine and N,N-Bis(2-ethylhexyl)-5-méthyl-1H-benzotriazole-1-methylamine

Worker Industry: 1.3 mg/m³ - Consumer: 0.3 mg/m³ - 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/m³ - Consumer: 0.3 mg/m³ - 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- methylamine and N,N-Bis(2-ethylhexyl)-5-méthyl-1H-benzotriazole-1-methylamine

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

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

Biological Exposure Index

N.A.

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8.2. Exposure controls

See below, example of PPE to use.

Eye protection:

Safety goggles (EN 166)

Protection for skin:

Chemical protection clothing. (type 4 - EN14605)

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	--	liquid product
Flammability:	N.A.	--	--
Lower and upper explosion limit:	0.6-14%	--	--
Flash point (°C):	82°C	--	--
Auto-ignition temperature:	>200°C	--	--
Decomposition temperature:	>250°C	--	--
pH:	N.A.	--	--
Kinematic viscosity:	<= 14 mm ² /s	--	Liquid product

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	sec (40 °C)		
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	30-93 pa (0°C)	--	Liquid product
Density and/or relative density:	0.83	--	--
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 = 70 %
 Volatile Organic compounds - VOCs = 581 g/l

N.A. = not available

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

Avoid contact with combustible materials. The product could catch fire.

10.6. Hazardous decomposition products

None.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

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Toxicological information of the product:

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Acute toxicity

Not classified

Based on available data, the classification criteria are not met

Skin corrosion/irritation

Not classified

Based on available data, the classification criteria are not met

Serious eye damage/irritation

Not classified

Based on available data, the classification criteria are not met

Respiratory or skin sensitisation

Not classified

Based on available data, the classification criteria are not met

Germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

Carcinogenicity

Not classified

Based on available data, the classification criteria are not met

Reproductive toxicity

Not classified

Based on available data, the classification criteria are not met

STOT-single exposure

Not classified

Based on available data, the classification criteria are not met

STOT-repeated exposure

Not classified

Based on available data, the classification criteria are not met

Aspiration hazard

The product is classified: Asp. Tox. 1 H304

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 - Species: Rat ≤ 20 mg/l

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

Source: OECD 403

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Dinitrogen oxide - CAS: 10024-97-2

Acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat > 30000 ml/m³ - Duration: 4h

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

ATE - Oral 5001 mg/kg bw

ATE - Dermal 9510 mg/kg bw

ATE - Inhalation (Vapours) 3,35 mg/l

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

Test: LD50 - Route: Skin - Species: Rabbit = 9510 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat = 3350 mg/m³ - Notes: aerosol, 7h

Test: ATE - Route: Oral > 5000 mg/kg

Test: ATE - Route: Inhalation Vapour = 3.35 mg/l - Duration: 7h

Test: ATE - Route: Skin = 9510 mg/kg

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

Acute toxicity:

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

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

1,2,4-trimethylbenzene - CAS: 95-63-6

Acute toxicity

ATE - Inhalation (Vapours) 11 mg/l

naphthalene - CAS: 91-20-3

Acute toxicity

ATE - Oral 500 mg/kg bw

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

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

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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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.

SECTION 12: Ecological information

12.1. Toxicity

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

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The product is classified: Aquatic Chronic 3 - H412

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

- Species: Crustacea \leq 10 mg/kg/d - Duration h: 48 - Notes: Daphnia magna

Endpoint: LL50

- Species: Fish \geq 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

Endpoint: EC50 - Species: activated sludge \geq 1 mg/l - Duration h: 72 - Notes:

Pseudokirchneriella

subcapitata

Endpoint: EC50 - Species: activated sludge \leq 3 mg/l - Duration h: 72 - Notes:

Pseudokirchneriella

subcapitata

Endpoint: LC50 - Species: Fish > 1 mg/l

Endpoint: LC50 - Species: Fish \leq 10 mg/l

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Endpoint: LC50 - Species: Daphnia > 1 mg/l
 Endpoint: LC50 - Species: Daphnia <= 10 mg/l
 Endpoint: LC50 - Species: Aquatic plants > 1 mg/l
 Endpoint: LC50 - Species: Aquatic plants <= 10 mg/l

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

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96 - Notes: Rainbow trout /Truite arc-en-ciel
 Endpoint: NOEC - Species: Fish > 100 mg/l - Duration h: 96 - Notes: Rainbow trout /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: Daphnia magna
 Endpoint: EC50 - Species: Algae > 100.1 mg/l - Duration h: 72 - Notes: Selenestrum capricomutum
 Endpoint: EC50 - Species: Microorganisms = 10000 mg/l - Notes: Sludge / boues (0.1 day / 0,1 jour)

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

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 1000 mg/l - Duration h: 96 - Notes: Poecilia reticulata
 Endpoint: LC50 - Species: Daphnia > 1000 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 = 250000 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

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 - %: 49.6%

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

Biodegradability: Non-readily biodegradable - Test: OECD TG 301 D - Duration: 28 days - %: 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.

HYDROCARBONS, C10, AROMATICS, <1% NAPHTHALENE

Log Kow 2.8 - 6.5

BCF 99 - 5780

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):

16 05 04* gases in pressure containers (including halons) containing dangerous substances

SECTION 14: Transport information



14.1. UN number or ID number

ADR-UN Number: 1950

IATA-UN Number: 1950

IMDG-UN Number: 1950

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14.2. UN proper shipping name

ADR-Shipping Name: AEROSOLS FLAMMABLE
 IMDG-Shipping Name: AEROSOLS FLAMMABLE

14.3. Transport hazard class(es)

ADR-Class: 2
 ADR - Hazard identification number: -
 IATA-Class: 2.1
 IMDG-Class: 2.1
 IMDG-Class: 2

14.4. Packing group

ADR-Packing Group: -
 IATA-Packing group: -
 IMDG-Packing group: -

14.5. Environmental hazards

ADR-Environmental Pollutant: No
 IMDG-Marine pollutant: No
 IMDG-EmS: F-D , S-U

14.6. Special precautions for user

ADR-Subsidiary hazards: See SP63
 ADR-S.P.: 190 327 344 625
 ADR-Transport category (Tunnel restriction code): 2 (D)
 IATA-Passenger Aircraft: 203
 IATA-Subsidiary hazards: See SP63
 IATA-Cargo Aircraft: 203
 IATA-S.P.: A145 A167 A802
 IATA-ERG: 10L
 IMDG-Subsidiary hazards: See SP63
 IMDG-Stowage and handling: SW1 SW22
 IMDG-Segregation: SG69
 Q.L.: 1L
 Q.E.: E0

14.7. Maritime transport in bulk according to IMO instruments

N.A.

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)

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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)
Regulation (EU) n. 2022/692 (ATP 18 CLP)
Regulation (EU) n. 2023/707
Regulation (EU) n. 2023/1434 (ATP 19 CLP)
Regulation (EU) n. 2023/1435 (ATP 20 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

Restriction 40

Restrictions related to the substances contained:

Restriction 75

Listed or in compliance with the following international inventories:

N.A.

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

N.A.

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):

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Seveso III category according to Annex 1, part 1

Product belongs to category: P3b

15.2. Chemical safety assessment

No

SECTION 16: Other information

N.A.: Not Applicable or Not Available

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.
- H270 May cause or intensify fire; oxidiser.
- H280 Contains gas under pressure; may explode if heated.
- H317 May cause an allergic skin reaction.
- H315 Causes skin irritation.
- H400 Very toxic to aquatic life.
- H226 Flammable liquid and vapour.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H332 Harmful if inhaled.
- 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
Aerosols 1	2.3/1	Aerosol, Category 1
Ox. Gas 1	2.4/1	Oxidising gas, Category 1
Press Gas (Comp.)	2.5/C	Gases under pressure (Compressed gas)
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Flam. Sol. 2	2.7/2	Flammable solid, Category 2
Acute Tox. 4	3.1/4/Inhal	Acute toxicity (inhalation), Category 4
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4

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Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Irrit. 2	3.3/2	Eye 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

This safety data sheet has been completely updated in compliance to Regulation 2020/878. (EC) 1272/2008 [CLP] Yönetmeliğine göre karışımların sınıflandırmasını elde etmek için kullanılan sınıflandırma ve prosedür:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Aerosols 1, H222, H229	On basis of test data
Asp. Tox. 1, H304	Calculation method
Aquatic Chronic 3, H412	Calculation method

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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outside of this framework without our written consent is strictly forbidden.

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" (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

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TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day.
(ACGIH Standard).

WGK: German Water Hazard Class.