

**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: 20/10/2023, version 11

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Trade name: WADIS 24/60 AEROSOL
SDS code: P10118
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 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:

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 +353 21 4889923 / ireland@socomore.com

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)**

- ⚠ Danger, Aerosols 1, Extremely flammable aerosol. Pressurized container: may burst if heated.
- ⚠ Danger, Asp. Tox. 1, May be fatal if swallowed and enters airways.
- ⚠ Warning, Skin Sens. 1B, May cause an allergic skin reaction.

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:

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

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.

H317 May cause an allergic skin reaction.

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.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

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.

EUH208 Contains Reaction products between 1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-6-methyl-, 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.

Contains

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%

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:

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

stta	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
>= 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-1H-benzotriazole-1-	EC: 939-700-4	⚠ 3.2/2 Skin Irrit. 2 H315

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

WADIS 24/60 AEROSOL

	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
>= 0.001% - < 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 ⚠ 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:

Extinguishing media which must not be used for safety reasons:

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

WADIS 24/60 AEROSOL

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, 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

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

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

WADIS 24/60 AEROSOL

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

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 - Notes: France VLEC - TMP N° 84

- 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

naphthalene - CAS: 91-20-3

- OEL Type: National - TWA(8h): 50 mg/m³, 10 ppm - Notes: INRS, France

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

- OEL Type: EU - TWA(8h): 50 mg/m³, 10 ppm
- OEL Type: ACGIH - TWA(8h): 10 ppm - Notes: Skin, A3 - URT irr, cataracts, hemolytic anemia
- OEL Type: National - TWA: 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 - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 150 mg/m³ - 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/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

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

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.

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

WADIS 24/60 AEROSOL

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.

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.	--	--

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

WADIS 24/60 AEROSOL

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 /sec (40 °C)	--	Liquid product
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 %

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

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**

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

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:

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

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

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;

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.

-

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.

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

- 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

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

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

WADIS 24/60 AEROSOL

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

(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

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

WADIS 24/60 AEROSOL

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

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

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

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)
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)

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 28

Restriction 75

Listed or in compliance with the following international inventories:

N.A.

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

WADIS 24/60 AEROSOL

Preservatives: Reaction products between 1H-Benzotriazole-1-methanamine,

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

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-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

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.

H228 Flammable solid.

H351 Suspected of causing cancer.

H410 Very toxic to aquatic life with long lasting effects.

H302 Harmful if swallowed.

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

WADIS 24/60 AEROSOL

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. 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

This safety data sheet has been completely updated in compliance to Regulation 2020/878. 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
Aerosols 1, H222, H229	On basis of test data
Asp. Tox. 1, H304	Calculation method
Skin Sens. 1B, H317	Calculation method
Aquatic Chronic 3, H412	Calculation method

This document was prepared by a competent person who has received appropriate training.

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

WADIS 24/60 AEROSOL

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

Important confidentiality : this document contains confidential information that is proprietary to SOCOMORE. Subject to legal provisions determining otherwise, the distribution, republication or re-transmission of this document, in full or in part, must be limited to clearly identified individuals, either because they use the product, or to provide HSE information. Any communication of this document 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.

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

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.