

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
LFSH 066 NOIR MT**

Regulation (EU) n. 2020/878

Safety Data Sheet date: 30/5/2024, version 2**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Trade name: LFSH 066 NOIR MT
SDS code: 101415EU
UFI: Q2Q8-08DV-HE9X-UG1Q

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

Recommended use:

Industrial uses
Paint/Coating

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

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Competent person responsible for the safety data sheet:

techdir@socomore@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, Flam. Liq. 3, Flammable liquid and vapour.

Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:

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Warning

Hazard statements:

- H226 Flammable liquid and vapour.
- 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.
- P233 Keep container tightly closed.
- P273 Avoid release to the environment.
- P370+P378 In case of fire: Use dry sand, chemical powder or alcohol-resistant foam for extinction.
- P403+P235 Store in a well-ventilated place. Keep cool.
- P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

- EUH208 Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one. May produce an allergic reaction.
- EUH208 Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). 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:

Qty	Name	Ident. Number	Classification
$\geq 3\%$ - $< 5\%$	Xylene	CAS: 1330-20-7 EC: 215-535-7 REACH No.: 01-2119488216-32	<ul style="list-style-type: none"> ⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 3.1/4/Dermal Acute Tox. 4 H312 ⚠ 3.1/4/Inhal Acute Tox. 4 H332 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.3/2 Eye Irrit. 2 H319 ⚠ 3.8/3 STOT SE 3 H335 ⚠ 3.9/2 STOT RE 2 H373 4.1/C3 Aquatic Chronic 3 H412

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			Acute Toxicity Estimate: ATE - Dermal 1100 mg/kg bw ATE - Inhalation (Vapours) 11 mg/l ATE - Inhalation (Dust/mist) 1,5 mg/l ATE - Inhalation (Gas) 5000 ppmV
>= 1% - < 3%	dihydrogénotriphosphate d'aluminium	CAS: 13939-25-8 EC: 237-714-9 REACH No.: 01-2119970565-28	⚠ 3.3/2 Eye Irrit. 2 H319
>= 0.5% - < 1%	zinc oxide	Index number: 030-013-00-7 CAS: 1314-13-2 EC: 215-222-5	⚠ 4.1/A1 Aquatic Acute 1 H400 ⚠ 4.1/C1 Aquatic Chronic 1 H410
>= 0.3% - < 0.5%	Triméthylolpropane	CAS: 77-99-6 EC: 201-074-9 REACH No.: 01-2119486799-10	⚠ 3.7/2 Repr. 2 H361fd
>= 0.1% - < 0.25%	methanol	Index number: 603-001-00-X CAS: 67-56-1 EC: 200-659-6	⚠ 2.6/2 Flam. Liq. 2 H225 ⚠ 3.8/1 STOT SE 1 H370 (eyes, central nervous system) ⚠ 3.1/3/Oral Acute Tox. 3 H301 ⚠ 3.1/3/Dermal Acute Tox. 3 H311 ⚠ 3.1/3/Inhal Acute Tox. 3 H331 Specific Concentration Limits: C >= 10%: STOT SE 1 H370 3% <= C < 10%: STOT SE 2 H371 Acute Toxicity Estimate: ATE - Oral 100 mg/kg bw ATE - Dermal 300 mg/kg bw ATE - Inhalation (Vapours) 3 mg/l
>= 0.1% - < 0.25%	2-diméthylaminoethanol; N,N-diméthylethanolamine	CAS: 108-01-0 EC: 203-542-8 REACH No.: 01-2119492298-24	⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.1/4/Oral Acute Tox. 4 H302 ⚠ 3.1/4/Dermal Acute Tox. 4 H312 ⚠ 3.2/1B Skin Corr. 1B H314 ⚠ 3.1/3/Inhal Acute Tox. 3 H331 ⚠ 3.8/3 STOT SE 3 H335 Specific Concentration Limits: C >= 5%: STOT SE 3 H335 Acute Toxicity Estimate:

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			ATE - Oral 1187 mg/kg bw ATE - Dermal 1219 mg/kg bw
>= 0.001% - < 0.1%	Quartz [Dust < 10 µm (< PM 10) alveolar]	CAS: 14808-60-7 EC: 238-878-4	⚠ 3.9/1 STOT RE 1 H372
>= 0.001% - < 0.1%	Quartz	CAS: 14808-60-7 EC: 238-878-4	Substance with a Union workplace exposure limit.
>= 0.001% - < 0.1%	1,2-benzisothiazol- 3(2H)-one; 1,2- benzisothiazolin-3-one	Index number: 613-088-00-6 CAS: 2634-33-5 EC: 220-120-9 REACH No.: 01- 2120761540 -60	⚠ 3.1/2/Inhal Acute Tox. 2 H330 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.3/1 Eye Dam. 1 H318 ⚠ 3.4.2/1 Skin Sens. 1 H317 ⚠ 3.1/4/Oral Acute Tox. 4 H302 ⚠ 4.1/A1 Aquatic Acute 1 H400 ⚠ 4.1/C1 Aquatic Chronic 1 H410 Specific Concentration Limits: C >= 0,05%: Skin Sens. 1 H317
>= 0. 0005% - < 0.001%	reaction mass of 5- chloro-2-methyl-2H- isothiazol-3-one and 2- methyl-2H-isothiazol-3- one (3:1)	CAS: 55965-84-9 REACH No.: 01- 2120764691 -48	⚠ 3.1/2/Dermal Acute Tox. 2 H310 ⚠ 3.1/3/Oral Acute Tox. 3 H301 ⚠ 3.1/2/Inhal Acute Tox. 2 H330 ⚠ 3.2/1C Skin Corr. 1C H314 ⚠ 3.4.2/1A Skin Sens. 1A H317 ⚠ 4.1/A1 Aquatic Acute 1 H400 M=100. ⚠ 4.1/C1 Aquatic Chronic 1 H410 M=100. ⚠ 3.3/1 Eye Dam. 1 H318 EUH071 Specific Concentration Limits: C >= 0,6%: Eye Dam. 1 H318 C >= 0,6%: Skin Corr. 1B H314 0,06% <= C < 0.6%: Skin Irrit. 2 H315 0,06% <= C < 0.6%: Eye Irrit. 2 H319 C >= 0,0015%: Skin Sens. 1A H317 Acute Toxicity Estimate: ATE - Oral 64 mg/kg bw ATE - Dermal 87,12 mg/kg bw ATE - Inhalation (Dust/mist) 0,33 mg/l

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In case of skin contact:

Wash with plenty of water and soap.

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. Obtain a medical examination.

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

Treatment:

No particular treatment.

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media:

Foam.

Carbon dioxide (CO₂)

Dry powder

Extinguishing media which must not be used for safety reasons:

High power water jet

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

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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.

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

Always keep in a well ventilated place.

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:

Keep away from frost.

Product should be stored at above freezing conditions.(>0°C)

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

Xylene - CAS: 1330-20-7

- OEL Type: National - TWA(8h): 221 mg/m³, 50 ppm - STEL(15min (Miw)): 442 mg/m³, 100 ppm - Behaviour: Binding - Notes: France VLEC - TMP N° 4Bis, 84

- OEL Type: National - TWA(8h): 440 mg/m³, 100 ppm - Notes: Germany - DFG, H

- OEL Type: National - TWA(8h): 220 mg/m³, 50 ppm - STEL: 441 mg/m³, 100 ppm - Notes: UK (WELs)

- OEL Type: EU - TWA(8h): 221 mg/m³, 50 ppm - STEL: 442 mg/m³, 100 ppm - Notes: Skin

- OEL Type: ACGIH - TWA(8h): 20 ppm - Notes: A4, BEI - URT and eye irr; hematologic eff; CNS impair

- OEL Type: National - TWA: 435 mg/m³, 100 ppm - STEL: 870 mg/m³, 200 ppm - Notes: Swiss - SUVA

- OEL Type: National - TWA: 221 mg/m³, 50 ppm - STEL(15min (Miw)): 442 mg/m³, 100 ppm - Notes: Österreich

zinc oxide - CAS: 1314-13-2

- OEL Type: ACGIH - TWA(8h): 2 mg/m³ - STEL: 10 mg/m³ - Notes: (R) - Metal fume fever

- OEL Type: National - TWA: 5 mg/m³ - Behaviour: Indicative - Notes: France (INRS) ; fumées

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- OEL Type: National - TWA: 10 mg/m³ - Behaviour: Indicative - Notes: France (INRS) ;
poussière
- Triméthylolpropane - CAS: 77-99-6
 - OEL Type: National - TWA: 5 ppm - Notes: Croatia
 - OEL Type: National - TWA: 5 mg/m³ - Notes: Sweden
- methanol - CAS: 67-56-1
 - OEL Type: National - TWA(8h): 260 mg/m³, 200 ppm - STEL: 1300 mg/m³, 1000 ppm -
Notes: France VLEC
 - OEL Type: EU - TWA(8h): 260 mg/m³, 200 ppm - Notes: Skin
 - OEL Type: ACGIH - TWA(8h): 200 ppm - STEL: 250 ppm - Notes: Skin, BEI - Headache,
eye dam, dizziness, nausea
 - OEL Type: TWA - TWA: 200 ppm
- Quartz [Dust < 10 µm (< PM 10) alveolar] - CAS: 14808-60-7
 - OEL Type: ACGIH - TWA(8h): 0.025 mg/m³ - Notes: (R), A2 - Pulm fibrosis, lung cancer
 - OEL Type: National - TWA: 0.1 mg/m³ - Behaviour: Binding - Notes: France ; Article
R4412-149 du Code du travail (réf.: INRS ED 984, 2016) (fraction de poussière alvéolaire)
 - OEL Type: EU - TWA: 0.1 mg/m³ - Behaviour: Binding - Notes: Directive (EU) No.
2017/2398 / Respirable dust
 - OEL Type: National - TWA: 0.1 mg/m³ - Notes: Belgique ; Koninklijk besluit/Arrêté royal
02/09/2018 / (inadembbaar stof) (poussières alvéolaires)
 - OEL Type: National - TWA: 0.15 mg/m³ - Notes: Suisse
- Quartz - CAS: 14808-60-7
 - OEL Type: ACGIH - TWA(8h): 0.025 mg/m³ - Notes: (R), A2 - Pulm fibrosis, lung cancer
 - OEL Type: National - TWA: 0.1 mg/m³ - Behaviour: Binding - Notes: France (fraction
alvéolaire)
 - OEL Type: National - TWA: 0.1 mg/m³ - Behaviour: Binding - Notes: France (fraction de
poussière alvéolaire)
 - OEL Type: EU - TWA: 0.1 mg/m³ - Notes: Directive (EU) No. 2017/2398 (respirable
fraction)
 - OEL Type: National - TWA: 0.05 mg/m³ - Notes: Spain
 - OEL Type: National - TWA: 0.075 mg/m³ - Notes: Netherlands
 - OEL Type: National - TWA: 0.05 mg/m³ - Notes: Finland
 - OEL Type: National - TWA: 0.1 mg/m³ - Notes: Denmark
 - OEL Type: National - TWA: 0.15 mg/m³ - Notes: Austria
 - OEL Type: National - TWA: 0.15 mg/m³ - Notes: Switzerland
 - OEL Type: National - TWA: 0.1 mg/m³ - Notes: Poland
 - OEL Type: National - TWA: 0.1 mg/m³ - STEL: 0.3 mg/m³ - Notes: Norway
 - OEL Type: National - TWA: 0.1 mg/m³ - Notes: Belgium
 - OEL Type: National - TWA: 0.07 mg/m³ - Notes: Bulgaria
 - OEL Type: National - TWA: 0.1 mg/m³ - Notes: Czech Republic
 - OEL Type: National - TWA: 0.1 mg/m³ - Notes: Estonia
 - OEL Type: National - TWA: 0.15 mg/m³ - Notes: Hungary [AK] (respirable)
 - OEL Type: National - TWA: 0.1 mg/m³ - STEL: 0.2 mg/m³ - Notes: Iceland
 - OEL Type: National - TWA: 0.1 mg/m³ - Notes: Lithuania (IPRD)
 - OEL Type: National - TWA: 0.1 mg/m³ - Notes: Romania

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- OEL Type: National - TWA: 0.1 mg/m³ - Notes: Sweden

DNEL Exposure Limit Values

Xylene - CAS: 1330-20-7

Worker Professional: 289 mg/m³ - Consumer: 174 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Professional: 289 mg/m³ - Consumer: 174 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Professional: 180 mg/kg b.w./day - Consumer: 108 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Professional: 77 mg/m³ - Consumer: 14.8 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 1.6 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

zinc oxide - CAS: 1314-13-2

Worker Industry: 5 mg/m³ - Consumer: 2.5 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 83 mg/kg b.w./day - Consumer: 83 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Consumer: 0.83 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term (repeated)

Worker Industry: 0.5 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects

Triméthylolpropane - CAS: 77-99-6

Worker Industry: 3.3 mg/m³ - Consumer: 0.58 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 0.94 mg/kg - Consumer: 0.34 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Consumer: 0.34 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

methanol - CAS: 67-56-1

Worker Industry: 40 mg/kg b.w./day - Consumer: 8 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Short Term, systemic effects

Worker Industry: 40 mg/kg b.w./day - Consumer: 8 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 260 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Industry: 260 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects

Worker Industry: 260 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

2-dimethylaminoethanol; N,N-dimethylethanolamine - CAS: 108-01-0

Worker Industry: 7.4 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 22 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Industry: 7.4 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local

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effects

Worker Industry: 22 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Industry: 1.04 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 5 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 5 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, local effects

PNEC Exposure Limit Values

Xylene - CAS: 1330-20-7

Target: Marine water - Value: 0.327 mg/l - Notes:: evaluation factor : 1

Target: Marine water sediments - Value: 12.46 mg/kg

Target: Soil (agricultural) - Value: 2.31 mg/kg

Target: Microorganisms in sewage treatments - Value: 6.58 mg/l

Target: Soil - Value: 2.31 mg/kg - Notes:: Assessment factor/ 1 / ECHA

zinc oxide - CAS: 1314-13-2

Target: Fresh Water - Value: 20.6 µgZn/L

Target: Marine water - Value: 6.1 µgZn/L

Target: Freshwater sediments - Value: 117.8 mgZn/kg sediment dw

Target: Marine water sediments - Value: 56.5 mgZn/kg sediment dw

Target: Sewage treatment plant - Value: 100 µgZn/L

methanol - CAS: 67-56-1

Target: Fresh Water - Value: 20.8 mg/l

Target: Marine water - Value: 2.08 mg/l

Target: Freshwater sediments - Value: 77 mg/kg

Target: Marine water sediments - Value: 7.7 mg/kg

Target: Soil (agricultural) - Value: 3.18 mg/kg

Target: Microorganisms in sewage treatments - Value: 100 mg/l

2-dimethylaminoethanol; N,N-dimethylethanolamine - CAS: 108-01-0

Target: Fresh Water - Value: 0.0661 mg/l

Target: Freshwater sediments - Value: 0.0529 mg/kg

Target: Marine water - Value: 0.0066 mg/l

Target: Soil - Value: 0.0177 mg/kg

Target: Sewage treatment plant - Value: 10 mg/l

Biological Exposure Index

Xylene - CAS: 1330-20-7

Value: 1.5 g/g - medium: Urinary creatinine - Biological Indicator: Methyl hippuric acid in urine - Sampling Period: End of turn - Remark: ACGIH BEL (2009)

Value: 1.500 mg/g - medium: Urinary creatinine - Biological Indicator: Methyl hippuric acid in urine - Sampling Period: End of turn - Remark: FR IBE (1997)

8.2. Exposure controls

See below, example of PPE to use.

Eye protection:

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Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:

Not needed for normal use.

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:	Black	--	--
Odour:	Inodore/ Odorless	--	--
Melting point/freezing point:	Not Relevant	--	--
Boiling point or initial boiling point and boiling range:	>36°C	--	--
Flammability:	Flam. Liq. 3, H226	--	--
Lower and upper explosion limit:	N.A.	--	--
Flash point (°C):	~32°C	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	Not Relevant	--	--
pH:	7	--	--
Kinematic viscosity:	> 20,5 mm ² / sec (40 °C)	--	--
Solubility in water:	Miscible	--	--

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Solubility in oil:	N.A.	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	<1.000 hPa (50°C)	--	--
Density and/or relative density:	~1.28 g/cm ³ (23°C)	--	--
Relative vapour density:	N.A.	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

9.2. Other information

Properties	Value	Method:	Notes
Viscosity:	>20.6 mm ² /s (40°C)	--	--

Volatile Organic compounds - VOCs = 5.77 %

Volatile Organic compounds - VOCs = 73.86 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

Strong oxidizers.

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:

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Acute toxicity

Not classified

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Based on available data, the classification criteria are not met

ATEmix - Oral 50365,1 mg/kg bw

ATEmix - Dermal 27658,9 mg/kg bw

ATEmix - Inhalation (Vapours) 256,795 mg/l

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

Not classified

Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product:

Xylene - CAS: 1330-20-7

Acute toxicity

ATE - Dermal 1100 mg/kg bw

ATE - Inhalation (Vapours) 11 mg/l

ATE - Inhalation (Dust/mist) 1,5 mg/l

ATE - Inhalation (Gas) 5000 ppmV

Test: LC50 - Route: Inhalation - Species: Rat = 5000 ppm - Duration: 4h

Test: LD50 - Route: Oral - Species: Rat = 3523 mg/kg bw

Test: LD50 - Route: Skin - Species: Rabbit = 12126 mg/kg

Test: LC50 - Route: Inhalation Vapour - Species: Rat = 27124 mg/m³ - Duration: 4h

Test: ATE - Route: Skin = 1100 mg/kg bw

Test: ATE - Route: Inhalation Vapour = 11 mg/l

Test: ATE - Route: Inhalation (dust, mist) = 1.5 mg/l

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Test: ATE - Route: Inhalation Gas = 5000 ppmV

dihydrogénotriphosphate d'aluminium - CAS: 13939-25-8

Acute toxicity:

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

Test: LC50 - Route: Inhalation - Species: Rat > 3.46 mg/l

zinc oxide - CAS: 1314-13-2

Acute toxicity:

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

Test: LC50 - Route: Inhalation - Species: Rat > 5.7 mg/l - Duration: 4h

Triméthylolpropane - CAS: 77-99-6

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat (male) approx. 14700 mg/kg

Test: LC50 - Route: Inhalation (dust, mist) - Species: Rabbit (male) > 0.85 mg/l - Duration: 4h

Reproductive toxicity:

Test: NOAEL - Route: Oral - Species: Rat (Male, female) = 74 mg/kg bw/day - Source:

OECD 416 - Notes: (parents, general toxicity); Doses: 0 - 74 - 225 - 750 mg/kg

Test: NOAEL - Route: Oral - Species: Rat (Male, female) = 225 mg/kg bw/day - Source:

OECD 416 - Notes: (parents, fertility); Doses: 0 - 74 - 225 - 750 mg/kg

Test: NOAEL - Route: Oral - Species: Rat (Male, female) < 74 mg/kg bw/day - Source:

OECD 416 - Notes: (parents, progeny); Doses: 0 - 74 - 225 - 750 mg/kg

methanol - CAS: 67-56-1

Acute toxicity

ATE - Oral 100 mg/kg bw

ATE - Dermal 300 mg/kg bw

ATE - Inhalation (Vapours) 3 mg/l

Test: ATE - Route: Oral = 100 mg/kg

Test: ATE - Route: Inhalation Vapour = 3 mg/l - Duration: 4h

Test: ATE - Route: Skin = 300 mg/kg

Test: LD50 - Route: Oral - Species: Rat = 100 mg/kg

Test: LD50 - Route: Skin - Species: Rat = 300 mg/kg

Test: LC50 - Route: Inhalation Vapour - Species: Rat = 3 mg/l - Duration: 4h

2-diméthylaminoethanol; N,N-diméthylethanolamine - CAS: 108-01-0

Acute toxicity

ATE - Oral 1187 mg/kg bw

ATE - Dermal 1219 mg/kg bw

Test: LC50 - Route: Inhalation Vapour - Species: Rat = 6.1 mg/l - Duration: 4h

Test: LD50 - Route: Skin - Species: Rabbit >= 3000 mg/kg

Test: LD50 - Route: Oral - Species: Rat (Male, female) = 1102.7 mg/kg

Test: ATE - Route: Oral = 1102.7 mg/kg

Test: ATE - Route: Skin = 1100 mg/kg

Test: ATE - Route: Inhalation Vapour = 6.1 mg/l

Quartz - CAS: 14808-60-7

Acute toxicity:

Test: LC50 - Route: Oral = 500 mg/kg

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1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one - CAS: 2634-33-5

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 2001 mg/kg

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

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

Test: LC50 - Route: Inhalation - Species: Rat > 5 mg/l - Duration: 4h

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) - CAS: 55965-84-9

Acute toxicity

ATE - Oral 64 mg/kg bw

ATE - Dermal 87,12 mg/kg bw

ATE - Inhalation (Dust/mist) 0,33 mg/l

Test: LC50 - Route: Inhalation (dust, mist) - Species: Rat = 0.31 mg/l - Duration: 4h

11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration \geq 0.1%

Other toxicological information:

Xylene

Skin contact:

Irritating effect

Ingestion:

Ingestion may cause irritation of the digestive tract, nausea, vomiting and diarrhea, abdominal pain.

Harmful by inhalation.

-

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one

Skin : corrosive (rabbit)

Eyes : corrosive (rabbit)

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

Xylene - CAS: 1330-20-7

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Daphnia > 100 mg/l - Duration h: 24

Endpoint: LC50 - Species: Daphnia < 1000 mg/l - Duration h: 24

Endpoint: LC50 - Species: Fish = 2.6 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss

Endpoint: EC50 - Species: Daphnia = 1.0 mg/l - Duration h: 48

Endpoint: TLM - Species: Fish = 22 ppm - Duration h: 96 - Notes: Crapet Arlequin

Endpoint: IC50 - Species: Algae = 2.2 mg/l - Duration h: 72

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b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Algae = 0.44 mg/l - Duration h: 72

Triméthylolpropane - CAS: 77-99-6

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 1000 mg/l - Duration h: 96 - Notes: OECD 203

Endpoint: EC50 - Species: Aquatic invertebrates = 13000 mg/l - Duration h: 48 - Notes: Daphnia magna

Endpoint: EC50 - Species: Microorganisms > 1000 mg/l - Duration h: 3 - Notes: Directive 67/548/CEE, Annexe V, C.11.

Endpoint: NOEC - Species: Aquatic invertebrates > 1000 mg/l - Duration h: 504 - Notes: Daphnia magna

methanol - CAS: 67-56-1

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 15400 mg/l - Duration h: 96 - Notes: Lepomis macrochirus

Endpoint: EC50 - Species: Daphnia > 10000 mg/l - Duration h: 48 - Notes: Daphnia magna

Endpoint: EC50 - Species: Algae = 22000 mg/l - Duration h: 96 - Notes: Pseudokirchneriella subcapitata; OECD 201

Endpoint: IC50 - Species: Microorganisms > 1000 mg/l - Duration h: 3

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish = 15800 mg/l - Duration h: 200 - Notes: Oryzias latipes

2-diméthylaminoethanol; N,N-diméthylethanolamine - CAS: 108-01-0

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 146.63 mg/l - Duration h: 96 - Notes: DIN 38412; Leuciscus idus

Endpoint: EC50 - Species: Aquatic invertebrates = 98.37 mg/l - Duration h: 48 - Notes: Daphnia magna

Endpoint: EC50 - Species: Algae = 34.47 mg/l - Duration h: 72 - Notes: Desmodesmus subspicatus

Endpoint: EC50 - Species: Microorganisms > 1000 mg/l - Duration h: 0.5 - Notes: OECD 209

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one - CAS: 2634-33-5

a) Aquatic acute toxicity:

Endpoint: EC10 - Species: Algae = 0.04 mg/l - Duration h: 72 - Notes: Selenestrum capricornutum

Endpoint: EC50 - Species: Daphnia = 3.27 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 0.11 mg/l - Duration h: 72 - Notes: Selenestrum capricornutum

Endpoint: LC50 - Species: Fish = 1.6 mg/l - Duration h: 96 - Notes: Rainbow trout

Endpoint: NOEC - Species: Fish = 0.21 mg/l - Notes: Rainbow trout

Endpoint: NOEC - Species: Daphnia = 1.2 mg/l - Duration h: 504 - Notes: 21 jours

reaction mass of 5-chloro-2-méthyl-2H-isothiazol-3-one and 2-méthyl-2H-isothiazol-3-one (3:1) - CAS: 55965-84-9

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 0.19 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss

Endpoint: EC50 - Species: Daphnia Magna = 0.16 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 27 µg/L - Duration h: 72 - Notes: OECD 201; Pseudokirchneriella subcapitata

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b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish = 0.05 mg/l - Duration h: 336 - Notes: Oncorhynchus mykiss

Endpoint: NOEC - Species: Daphnia Magna = 0.1 mg/l - Duration h: 504

12.2. Persistence and degradability

Triméthylolpropane - CAS: 77-99-6

Biodegradability: Intrinsically biodegradable - Test: OECD 302B - Duration: 28 days - %: 100%
methanol - CAS: 67-56-1

Biodegradability: Readily biodegradable - Duration: 20 days - %: 95%

2-dimethylaminoethanol; N,N-dimethylethanolamine - CAS: 108-01-0

Biodegradability: Readily biodegradable

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) - CAS: 55965-84-9

Biodegradability: Non-readily biodegradable - Duration: 10 days - %: < 60 %

12.3. Bioaccumulative potential

Xylene - CAS: 1330-20-7

Low bioconcentration potential

Log Pow 3.12

BCF 8.1 - 25.9

Triméthylolpropane - CAS: 77-99-6

BCF < 17 - Duration: 42 days - Notes: Cyprinus carpio (Carpe)

methanol - CAS: 67-56-1

Log Pow -0.77

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one - CAS: 2634-33-5

Log Kow 0.7

BCF 6.95

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) - CAS: 55965-84-9

Log Pow 0.401

12.4. Mobility in soil

2-dimethylaminoethanol; N,N-dimethylethanolamine - CAS: 108-01-0

Log Koc 0.848

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Endocrine disrupting propertiesNo endocrine disruptor substances present in concentration $\geq 0.1\%$ **12.7. Other adverse effects**

No harmful effects expected.

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

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SECTION 14: Transport information



14.1. UN number or ID number

ADR-UN Number: 1263
IATA-UN Number: 1263
IMDG-UN Number: 1263

14.2. UN proper shipping name

ADR-Shipping Name: PAINT
IATA-Shipping Name: PAINT
IMDG-Shipping Name: PAINT

14.3. Transport hazard class(es)

ADR-Class: 3
ADR - Hazard identification number: 30
IATA-Class: 3
IATA-Label: 3
IMDG-Class: 3

14.4. Packing group

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

14.5. Environmental hazards

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

14.6. Special precautions for user

ADR-Subsidiary hazards: -
ADR-S.P.: 163 367 650
ADR-Transport category (Tunnel restriction code): 3 (D/E)
IATA-Passenger Aircraft: 355
IATA-Subsidiary hazards: -
IATA-Cargo Aircraft: 366
IATA-S.P.: A3 A72 A192
IATA-ERG: 3L
IMDG-Subsidiary hazards: -
IMDG-Stowage and handling: Category A
IMDG-Segregation: -
Q.L.: 5L
Q.E.: E1

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)

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
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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 69

Restriction 70

Restriction 75

Listed or in compliance with the following international inventories:

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.

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Regulation (EC) n° 528/2012: contains a preservative to protect the initial properties of the treated article.

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Contains 1,2-benzisothiazol3(2H)-one; 1,2-benzisothiazolin-3-one
Contains Reaction mass of 5-chloro-2-methyl-1,2-thiazol-3(2H)-one and 2-methyl-1,2-thiazol-3(2H)-one

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: P5c

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:

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H332 Harmful if inhaled.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H373 May cause damage to organs through prolonged or repeated exposure.
H412 Harmful to aquatic life with long lasting effects.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.
H225 Highly flammable liquid and vapour.
H370 (eyes, central nervous system) Causes damage to organs (eyes, central nervous system).
H301 Toxic if swallowed.
H311 Toxic in contact with skin.
H331 Toxic if inhaled.
H370 Causes damage to organs.
H371 May cause damage to organs.
H302 Harmful if swallowed.

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H314 Causes severe skin burns and eye damage.

H372 Causes damage to organs through prolonged or repeated exposure.

H330 Fatal if inhaled.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H310 Fatal in contact with skin.

EUH071 Corrosive to the respiratory tract.

Hazard class and hazard category	Code	Description
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Acute Tox. 2	3.1/2/Dermal	Acute toxicity (dermal), Category 2
Acute Tox. 2	3.1/2/Inhal	Acute toxicity (inhalation), Category 2
Acute Tox. 3	3.1/3/Dermal	Acute toxicity (dermal), Category 3
Acute Tox. 3	3.1/3/Inhal	Acute toxicity (inhalation), Category 3
Acute Tox. 3	3.1/3/Oral	Acute toxicity (oral), Category 3
Acute Tox. 4	3.1/4/Dermal	Acute toxicity (dermal), Category 4
Acute Tox. 4	3.1/4/Inhal	Acute toxicity (inhalation), Category 4
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Corr. 1B	3.2/1B	Skin corrosion, Category 1B
Skin Corr. 1C	3.2/1C	Skin corrosion, Category 1C
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1
Skin Sens. 1A	3.4.2/1A	Skin Sensitisation, Category 1A
Repr. 2	3.7/2	Reproductive toxicity, Category 2
STOT SE 1	3.8/1	Specific target organ toxicity - single exposure, Category 1

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STOT SE 2	3.8/2	Specific target organ toxicity - single exposure, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
STOT RE 1	3.9/1	Specific target organ toxicity - repeated exposure, Category 1
STOT RE 2	3.9/2	Specific target organ toxicity - repeated exposure, Category 2
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 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
Flam. Liq. 3, H226	On basis of test data
Aquatic Chronic 3, H412	Calculation method

Due to the integration of the Mader Aero products range into the Socomore Group, all Safety Data Sheets have been re-evaluated on the basis of consolidated information. This may have led to significant changes in our Safety Data Sheets. If you have any questions regarding these changes, you can contact us at the address indicated in section 1.

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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Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH)) LFSH 066 NOIR MT

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.
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.

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TWA: Time-weighted average
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day.
(ACGIH Standard).
WGK: German Water Hazard Class.