

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
AEROGLAZE 9947A - P16108**

Regulation (EU) n. 2020/878

Safety Data Sheet date: 23/6/2023, version 7**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Trade name: AEROGLAZE 9947A

SDS code: P16108

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

Recommended use:

Paint/Coating

Industrial uses

Uses advised against:

No uses advised against are identified.

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

LORD CORPORATION for SOCOMORE - 111 LORD DRIVE - CARY, NC 27511-7923 - U.S.A. -

Tel.: 001 814 868 0924

Distributors:

Dysol Inc. - 5475 E. State Highway 114, Rhome Texas, 76078 / Phone: 1-817-335-1826 /

csr-na@socomore.com/ Fax Number: 817-335-2405

Competent person responsible for the safety data sheet:

techdirsocomore@socomore.com

1.4. Emergency telephone number

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, Flam. Liq. 2, Highly flammable liquid and vapour.
- ⚠ Warning, Skin Irrit. 2, Causes skin irritation.
- ⚠ Warning, Eye Irrit. 2, Causes serious eye irritation.
- ⚠ Warning, Skin Sens. 1, May cause an allergic skin reaction.
- ⚠ Warning, Muta. 2, Suspected of causing genetic defects.
- ⚠ Aquatic Chronic 2, Toxic 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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Danger

Hazard statements:

- H225 Highly flammable liquid and vapour.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H317 May cause an allergic skin reaction.
- H341 Suspected of causing genetic defects.
- H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:

- P202 Do not handle until all safety precautions have been read and understood.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P370+P378 In case of fire, use a CO2 fire extinguisher to extinguish.
- P391 Collect spillage.
- P403+P235 Store in a well-ventilated place. Keep cool.

Special Provisions:

None

Contains

PHENOL, POLYMER WITH FORMALDEHYDE
phenol; carboric acid; monohydroxybenzene; phenylalcohol

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 $\geq 0.1\%$

No other hazards

Mixtures of (3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl) silanetriol and/or any of its mono-, di- or tri-O-(alkyl) derivatives in a concentration equal to or greater than 2 ppb and organic solvents in spray products, are for professional users only and marked 'Fatal if inhaled'.

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
$\geq 25\%$ - $< 30\%$	2-methoxy-1-methylethyl acetate	Index number: CAS: EC:	607-195-00-7 108-65-6 203-603-9
$\geq 15\%$ -	ethanol; ethyl alcohol	Index	603-002-00-5

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< 20%		number: CAS: EC:	64-17-5 200-578-6	
>= 12.5% - < 15%	zinc oxide	Index number: CAS: EC:	030-013-00-7 1314-13-2 215-222-5	<ul style="list-style-type: none"> ⚠ 4.1/A1 Aquatic Acute 1 H400 ⚠ 4.1/C1 Aquatic Chronic 1 H410
>= 12.5% - < 15%	butan-2-ol	Index number: CAS: EC:	603-127-00-5 78-92-2 201-158-5	<ul style="list-style-type: none"> ⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.3/2 Eye Irrit. 2 H319 ⚠ 3.8/3 STOT SE 3 H335 ⚠ 3.8/3 STOT SE 3 H336
>= 7% - < 10%	PHENOL, POLYMER WITH FORMALDEHYDE	CAS:	9003-35-4	<ul style="list-style-type: none"> ⚠ 3.4.2/1 Skin Sens. 1 H317
>= 3% - < 5%	1-(3-methoxypropoxy) propyl acetate	CAS: EC:	88917-22-0 618-219-0	<ul style="list-style-type: none"> ⚠ 3.1/4/Oral Acute Tox. 4 H302 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.3/2 Eye Irrit. 2 H319
>= 1% - < 3%	phenol; carboic acid; monohydroxybenzene; phenylalcohol	Index number: CAS: EC:	604-001-00-2 108-95-2 203-632-7	<ul style="list-style-type: none"> ⚠ 3.5/2 Muta. 2 H341 ⚠ 4.1/C2 Aquatic Chronic 2 H411 ⚠ 3.9/2 STOT RE 2 H373 ⚠ 3.2/1B Skin Corr. 1B H314 ⚠ 3.1/3/Oral Acute Tox. 3 H301 ⚠ 3.1/3/Dermal Acute Tox. 3 H311 ⚠ 3.1/2/Inhal Acute Tox. 2 H330 <p>Specific Concentration Limits: 1% ≤ C < 3%: Skin Irrit. 2 H315 1% ≤ C < 3%: Eye Irrit. 2 H319 C ≥ 3%: Skin Corr. 1B H314</p>
>= 1% - < 3%	methanol	Index number: CAS: EC:	603-001-00-X 67-56-1 200-659-6	<ul style="list-style-type: none"> ⚠ 2.6/2 Flam. Liq. 2 H225 ⚠ 3.8/1 STOT SE 1 H370 ⚠ 3.1/3/Oral Acute Tox. 3 H301 ⚠ 3.1/3/Dermal Acute Tox. 3 H311 ⚠ 3.1/3/Inhal Acute Tox. 3 H331 <p>Specific Concentration Limits: C ≥ 10%: STOT SE 1 H370 3% ≤ C < 10%: STOT SE 2 H371</p>
>= 0.1% - < 0.25%	4-methylpentan-2-one; isobutyl methyl ketone	Index number: CAS: EC:	606-004-00-4 108-10-1 203-550-1	<ul style="list-style-type: none"> ⚠ 2.6/2 Flam. Liq. 2 H225 ⚠ 3.6/2 Carc. 2 H351 ⚠ 3.1/4/Inhal Acute Tox. 4 H332 ⚠ 3.8/3 STOT SE 3 H336

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				<p>⚠ 3.3/2 Eye Irrit. 2 H319 EUH066 Acute Toxicity Estimate: ATE - Inhalation (Vapours) 11 mg/l</p>
>= 0.1% - < 0.25%	ethyl acetate	Index number: CAS: EC:	607-022-00-5 141-78-6 205-500-4	<p>⚠ 2.6/2 Flam. Liq. 2 H225 ⚠ 3.3/2 Eye Irrit. 2 H319 ⚠ 3.8/3 STOT SE 3 H336 EUH066</p>
>= 0.001% - < 0.1%	formaldehyde ...%	Index number: CAS: EC:	605-001-00-5 50-00-0 200-001-8	<p>⚠ 3.6/1B Carc. 1B H350 ⚠ 3.5/2 Muta. 2 H341 ⚠ 3.1/3/Oral Acute Tox. 3 H301 ⚠ 3.1/3/Dermal Acute Tox. 3 H311 ⚠ 3.1/3/Inhal Acute Tox. 3 H331 ⚠ 3.2/1B Skin Corr. 1B H314 ⚠ 3.4.2/1 Skin Sens. 1 H317 Specific Concentration Limits: C >= 25%: Skin Corr. 1B H314 5% <= C < 25%: Skin Irrit. 2 H315 5% <= C < 25%: Eye Irrit. 2 H319 C >= 5%: STOT SE 3 H335 C >= 0,2%: Skin Sens. 1 H317</p>
>= 0.001% - < 0.1%	n-hexane	Index number: CAS: EC:	601-037-00-0 110-54-3 203-777-6	<p>⚠ 2.6/2 Flam. Liq. 2 H225 ⚠ 3.7/2 Repr. 2 H361f ⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 3.9/2 STOT RE 2 H373 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.8/3 STOT SE 3 H336 ⚠ 4.1/C2 Aquatic Chronic 2 H411 Specific Concentration Limits: C >= 5%: STOT RE 2 H373</p>
>= 0.001% - < 0.1%	cyclohexane	Index number: CAS: EC:	601-017-00-1 110-82-7 203-806-2	<p>⚠ 2.6/2 Flam. Liq. 2 H225 ⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.8/3 STOT SE 3 H336 ⚠ 4.1/A1 Aquatic Acute 1 H400 ⚠ 4.1/C1 Aquatic Chronic 1 H410</p>

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

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. 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:

Water.

Carbon dioxide (CO₂).

In case of fire, use a CO₂ fire extinguisher to extinguish.

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.

Hazardous combustion products:

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 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

Suitable material for taking up: absorbing material, 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.

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

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

Occupational exposure limit values

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

- OEL Type: ACGIH - TWA(8h): 150 ppm - STEL: 100 ppm

- OEL Type: National - TWA(8h): 275 mg/m³, 50 ppm - STEL: 550 mg/m³, 100 ppm -

Notes: France VLEP

- OEL Type: National - TWA(8h): 270 mg/m³, 50 ppm - Notes: GERMANY

- OEL Type: National - TWA(8h): 274 mg/m³, 50 ppm - STEL: 548 mg/m³, 100 ppm -

Notes: UK (WELs)

- OEL Type: National - TWA: 260 mg/m³ - STEL: 520 mg/m³ - Notes: POLAND

- OEL Type: EU - TWA(8h): 275 mg/m³, 50 ppm - STEL: 550 mg/m³, 100 ppm - Notes:

Skin

- OEL Type: AIHA

- TWA: 50 ppm

- OEL Type: MAK - TWA: 275 mg/m³, 50 ppm - STEL(5 min (Mow)): 550 mg/m³, 100

ppm - Notes: Österreich

ethanol; ethyl alcohol - CAS: 64-17-5

- OEL Type: EU - TWA(8h): 960 mg/m³, 500 ppm - Notes: GERMANY - AGW (BAuA - TRGS 900, 21/06/2010)

- OEL Type: EU - TWA(8h): 1900 mg/m³, 1000 ppm - STEL: 9500 mg/m³, 5000 ppm -

Notes: FRANCE (INRS - ED984 : 2012) - TMP N°84

- OEL Type: ACGIH - STEL: 1000 ppm - Notes: A3 - URT irr

- OEL Type: National - TWA: 1000 ppm - Notes: UK

- OEL Type: National - TWA: 1907 mg/m³, 1000 ppm - Notes: Belgique

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) ;

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fumées

- OEL Type: National - TWA: 10 mg/m³ - Behaviour: Indicative - Notes: France (INRS) ;
poussière

butan-2-ol - CAS: 78-92-2

- OEL Type: ACGIH - TWA(8h): 100 ppm - Notes: URT irr, CNS impair

phenol; carboic acid; monohydroxybenzene; phenylalcohol - CAS: 108-95-2

- OEL Type: EU - TWA(8h): 8 mg/m³, 2 ppm - STEL: 16 mg/m³, 4 ppm - Notes: Skin
- OEL Type: ACGIH - TWA(8h): 5 ppm - Notes: Skin, A4, BEI - URT irr, lung dam, CNS impair

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

4-methylpentan-2-one; isobutyl methyl ketone - CAS: 108-10-1

- OEL Type: EU - TWA(8h): 83 mg/m³, 20 ppm - STEL: 208 mg/m³, 50 ppm
- OEL Type: ACGIH - TWA(8h): 20 ppm - STEL: 75 ppm - Notes: A3, BEI - URT irr,
dizziness, headache
- OEL Type: National - TWA(4h): 83 mg/m³, 20 ppm - STEL: 208 mg/m³, 50 ppm -
Behaviour: Binding - Notes: France

ethyl acetate - CAS: 141-78-6

- OEL Type: ACGIH - TWA(8h): 400 ppm - Notes: URT and eye irr
- OEL Type: EU - TWA(8h): 734 mg/m³, 200 ppm - STEL: 1468 mg/m³, 400 ppm
- OEL Type: National - TWA(8h): 550 mg/m³, 150 ppm - STEL: 1100 mg/m³, 300 ppm -
Notes: Netherlands
- OEL Type: National - TWA(8h): 1461 mg/m³, 400 ppm - Notes: Belgium
- OEL Type: National - TWA(8h): 1500 mg/m³, 400 ppm - Notes: Germany
- OEL Type: National - TWA(8h): 1400 mg/m³, 400 ppm - Notes: France
- OEL Type: National - TWA(8h): 200 ppm - STEL: 400 ppm - Notes: UK

formaldehyde ...% - CAS: 50-00-0

- OEL Type: ACGIH - TWA(8h): 0.1 ppm - STEL: 0.3 ppm - Notes: DSEN, RSEN, A1 -
URT and eye irr, URT cancer
- OEL Type: National - TWA(4h): 0.37 mg/m³, 0.3 ppm - STEL: 0.74 mg/m³, 0.6 ppm -
Behaviour: Binding - Notes: France, INRS - Sensibilisation cutanée
- OEL Type: EU - TWA(8h): 0,37 mg/m³, 0,3 ppm - STEL: 0,74 mg/m³, 0,6 ppm - Notes:
Dermal sensitisation
- OEL Type: National - STEL: 0.74 mg/m³ - Notes: Swiss
- OEL Type: National - STEL: 2.5 mg/m³ - Notes: UK

n-hexane - CAS: 110-54-3

- OEL Type: National - TWA(8h): 72 mg/m³, 20 ppm - Notes: France VLEC - Note R3 -
INRS TMP N° 59, 84
- OEL Type: National - TWA(8h): 180 mg/m³, 50 ppm - Notes: Germany
- OEL Type: EU - TWA(8h): 72 mg/m³, 20 ppm

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- OEL Type: ACGIH - TWA(8h): 50 ppm - Notes: Skin, BEI - CNS impair, peripheral neuropathy, eye irr
- OEL Type: National - TWA: 72 mg/m³, 20 ppm - STEL(15min (Miw)): 288 mg/m³, 80 ppm - Notes: Österreich
- OEL Type: National - TWA(8h): 72 mg/m³, 20 ppm - Notes: UK
- cyclohexane - CAS: 110-82-7
 - OEL Type: National - TWA(8h): 700 mg/m³, 200 ppm - Notes: Germany
 - OEL Type: National - TWA(8h): 700 mg/m³, 200 ppm - STEL: 1300 mg/m³, 375 ppm - Notes: France VLEC - INRS TMP N° 84
 - OEL Type: EU - TWA(8h): 700 mg/m³, 200 ppm
 - OEL Type: ACGIH - TWA(8h): 100 ppm - Notes: CNS impair
 - OEL Type: National - TWA(8h): 700 mg/m³, 200 ppm - STEL(15'): 2800 mg/m³, 800 ppm - Notes: Österreich
 - OEL Type: National - TWA(8h): 200 ppm - Notes: Cyprus
 - OEL Type: National - TWA(8h): 700 mg/m³ - STEL: 2000 mg/m³ - Notes: Czech Republic
 - OEL Type: National - TWA: 50 ppm - Notes: Denmark
 - OEL Type: National - TWA(8h): 350 mg/m³, 100 ppm - STEL(15'): 1050 mg/m³, 300 ppm - Notes: United Kingdom

DNEL Exposure Limit Values

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Worker Industry: 153.5 mg/kg b.w./day - Consumer: 54.8 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 275 mg/m³ - Consumer: 33 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

ethanol; ethyl alcohol - CAS: 64-17-5

Worker Industry: 1900 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects - Notes: 1000ppm

Worker Industry: 950 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects - Notes: 500ppm

Worker Industry: 343 mg/kg b.w./day - Exposure: Human Dermal - 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

methanol - CAS: 67-56-1

Worker Industry: 40 mg/kg b.w./day - Consumer: 8 mg/kg b.w./day - Exposure: Human

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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

ethyl acetate - CAS: 141-78-6

Worker Professional: 1468 mg/m³ - Consumer: 734 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Professional: 1468 mg/m³ - Consumer: 734 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Professional: 63 mg/kg b.w./day - Consumer: 37 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Professional: 734 mg/m³ - Consumer: 367 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Professional: 734 mg/m³ - Consumer: 4.5 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, local effects

formaldehyde ...% - CAS: 50-00-0

Worker Industry: 37 µg/cm² - Consumer: 12 µg/cm² - Exposure: Human Dermal - Frequency: Long Term, local effects

Worker Industry: 240 mg/kg - Consumer: 102 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 0.5 mg/m³ - Consumer: 0.1 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects

Worker Industry: 9 mg/m³ - Consumer: 3.2 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 1 mg/m³ - Consumer: 4.1 mg/kg - Exposure: Human Inhalation - Frequency: Short Term, local effects

n-hexane - CAS: 110-54-3

Worker Industry: 773 mg/kg b.w./day

Worker Industry: 2035 mg/m³

PNEC Exposure Limit Values

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Target: Fresh Water - Value: 0.635 mg/l

Target: Marine water - Value: 0.0635 mg/l

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

Target: Freshwater sediments - Value: 3.29 mg/kg

Target: Marine water sediments - Value: 0.329 mg/kg

Target: Soil (agricultural) - Value: 0.29 mg/kg

Target: PNEC intermittent - Value: 6.35 mg/l

ethanol; ethyl alcohol - CAS: 64-17-5

Target: Fresh Water - Value: 0.96 mg/l

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Target: Marine water - Value: 0.79 mg/l
 Target: Freshwater sediments - Value: 3.6 mg/kg dw
 Target: Marine water sediments - Value: 2.9 mg/kg dw
 Target: Soil (agricultural) - Value: 0.63 mg/kg dw
 Target: PNEC Oral (foodstuff) - Value: 0.72 g/kg

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

ethyl acetate - CAS: 141-78-6

Target: Fresh Water - Value: 0.26 mg/l
 Target: Marine water - Value: 0.026 mg/l
 Target: Freshwater sediments - Value: 1.25 mg/kg
 Target: Marine water sediments - Value: 0.125 mg/kg
 Target: Soil (agricultural) - Value: 0.24 mg/kg
 Target: Microorganisms in sewage treatments - Value: 650 mg/l

formaldehyde ...% - CAS: 50-00-0

Target: Marine water - Value: 0.47 mg/l - Notes:: evaluation factor : 10
 Target: PNEC predator - Value: 0.21 mg/kg - Notes:: ECHA

Biological Exposure Index

n-hexane - CAS: 110-54-3

Value: 5 mg/g - medium: Urinary creatinine - Biological Indicator: 2.5-hexanedione in the urine - Sampling Period: End of turn - Source: IBE

8.2. Exposure controls

See below, example of PPE to use.

Eye protection:

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:

Butyl caoutchouc (butyl rubber).

NBR (nitrile rubber).

Respiratory protection:

Not needed for normal use.

Thermal Hazards:

None

Environmental exposure controls:

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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:	Red	--	--
Odour:	N.A.	--	--
Melting point/freezing point:	N.A.	--	--
Boiling point or initial boiling point and boiling range:	N.A.	--	--
Flammability:	Flam. Liq. 2, H225	--	--
Lower and upper explosion limit:	N.A.	--	--
Flash point (°C):	20	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
pH:	N.A.	--	--
Kinematic viscosity:	N.A.	--	--
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	N.A.	--	--
Density and/or relative density:	1.06-1.11@20°C	--	--
Relative vapour density:	N.A.	--	--

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Particle characteristics:

Particle size:	N.A.	--	--
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9.2. Other information

Properties	Value	Method:	Notes
Viscosity:	1000-5000mPas@25°C	--	--

Volatile Organic compounds - VOCs = 922 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

None in particular.

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:

AEROGLAZE 9947A

Acute toxicity:

ATEmix - Oral 3057,77 mg/kg bw

ATEmix - Dermal 13194,4 mg/kg bw

ATEmix - Inhalation (Vapours) 40,8664 mg/l

Toxicological information of the main substances found in the product:

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Acute toxicity:

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

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

Test: LC50 - Route: Inhalation - Species: Rat > 10.8 mg/l

Test: LC50 - Route: Skin - Species: Rabbit > 5000 mg/kg

ethanol; ethyl alcohol - CAS: 64-17-5

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Acute toxicity:

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

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

Test: LC50 - Route: Inhalation - Species: Rat > 50 mg/m³

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

1-(3-methoxypropoxy)propyl acetate - CAS: 88917-22-0

Acute toxicity:

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

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

methanol - CAS: 67-56-1

Acute toxicity:

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

Test: LC50 - Route: Inhalation - Species: Rat = 128.2 mg/l - Duration: 4h

Test: LC50 - Route: Inhalation - Species: Rat = 87.6 mg/l

Test: LD50 - Route: Skin - Species: Rabbit = 17100 mg/kg

Test: LD0 - Route: Oral - Species: Human = 428 mg/kg

4-methylpentan-2-one; isobutyl methyl ketone - CAS: 108-10-1

Acute toxicity:

Test: ATE - Route: Inhalation Vapour = 11 mg/l - Source: Reg. (EC) No. 1272/2008

ATE - Inhalation (Vapours) 11 mg/l

ethyl acetate - CAS: 141-78-6

Acute toxicity:

Test: LD50 - Route: Oral - Species: Mouse = 4100 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 20000 mg/kg bw/day

Test: LC50 - Route: Inhalation - Species: Rat > 22.5 mg/l - Notes: 6h

Reproductive toxicity:

Test: NOAEC - Species: Rat = 73300 mg/m³ - Duration: 1-19 days - Source: OECD 414 -

Notes: Histopathologic modification

formaldehyde ...% - CAS: 50-00-0

Acute toxicity:

Test: LD50 - Route: Skin - Species: Rabbit = 270 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat = 165 ppm

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

Test: LC50 - Route: Inhalation > 2.1 mg/l - Duration: 4h

Test: LC50 - Route: Inhalation < 10 mg/l - Duration: 4h

n-hexane - CAS: 110-54-3

Acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat > 23.3 mg/l - Duration: 4h

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

Test: LD50 - Route: Skin - Species: Rabbit > 2800 mg/kg

cyclohexane - CAS: 110-82-7

Acute toxicity:

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

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

Test: LC50 - Route: Inhalation Vapour - Species: Rat > 19.1 mg/l - Duration: 4h

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:

4-methylpentan-2-one; isobutyl methyl ketone

Skin corrosion/skin irritation:

Causes skin irritation.

-

ethyl acetate

NOAEC, equivalent to OECD 424,750 ppm, 99-100 days, rat, effect: neurotoxic effects

-

formaldehyde ...%

Category 1: carcinogenic to humans

-

cyclohexane

Inhalation:

Avoid inhalation of vapours: may cause lung inflammation.

Respiratory irritation:

Coughing, mucus production and shortness of breath

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

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

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

a) Aquatic acute toxicity:

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Endpoint: EC50 - Species: Algae > 1000 mg/l

Endpoint: LC50 - Species: Fish = 134 mg/l

Endpoint: EC50 - Species: Daphnia = 408 mg/l

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish = 47.5 mg/l - Duration h: 336 - Notes: Oryzias latipes

Endpoint: NOEC - Species: Daphnia > 100 mg/l - Duration h: 504

ethanol; ethyl alcohol - CAS: 64-17-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 100 mg/l - Notes: Leuciscus idus

Endpoint: EC50 - Species: Algae = 275 mg/l - Duration h: 72 - Notes: Chlorella vulgaris

Endpoint: NOEC - Species: Algae = 3240 mg/l - Duration h: 120 - Notes: Skeletonema costatum

Endpoint: NOEC - Species: Daphnia = 9.6 mg/l - Duration h: 240 - Notes: Céridaphnia dubia

Endpoint: EC50 - Species: Daphnia = 857 mg/l - Duration h: 48 - Notes: Artemia salina nauplii

1-(3-methoxypropoxy)propyl acetate - CAS: 88917-22-0

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96

Endpoint: LC50 - Species: Daphnia > 2701 mg/l - Duration h: 48

Endpoint: LC50 - Species: Algae > 1000 mg/l - Duration h: 72

methanol - CAS: 67-56-1

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Fish = 15400 mg/l - Duration h: 96

Endpoint: NOEC - Species: Fish = 7900 mg/l - Duration h: 200

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

Endpoint: EC50 - Species: Algae = 22000 mg/l - Duration h: 96

Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96 - Notes: Carpe

ethyl acetate - CAS: 141-78-6

a) Aquatic acute toxicity:

Endpoint: NOEC - Species: Algae > 1000 mg/l - Duration h: 48 - Notes: Scenedesmus pannonicus

Endpoint: EC50 - Species: Daphnia = 165 mg/l - Duration h: 48

Endpoint: LC50 = 180 mg/l - Duration h: 48 - Notes: Xenopus laevis

Endpoint: LC50 - Species: Fish = 230 mg/l - Duration h: 96 - Notes: Pimephales promelas

Endpoint: LC50 - Species: Algae = 5600 mg/l - Duration h: 48 - Notes: Desmodesmus subspicatus

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish < 9.65 mg/l - Duration h: 96 - Notes: Pimephales promelas

Endpoint: NOEC - Species: Daphnia = 2.4 mg/l - Duration h: 504

formaldehyde ...% - CAS: 50-00-0

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia > 4.3 mg/l - Duration h: 48

Endpoint: LC50 - Species: Fish = 1.41 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia < 7.8 mg/l - Duration h: 48

Endpoint: LD - Species: Fish = 50 ppm - Duration h: 4 - Notes: truite arc en ciel / Rainbow trout

Endpoint: TDLO - Species: Fish = 32 ppm - Duration h: 24 - Notes: barbue de rivière (Plecostomus commersoni)

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n-hexane - CAS: 110-54-3

a) Aquatic acute toxicity:

Endpoint: EL50

- Species: Daphnia = 3 mg/l

Endpoint: EL50

- Species: Algae > 10 mg/l - Notes: Pseudokirchneriella subcapitata

Endpoint: LL50

- Species: Fish > 13.4 mg/l - Notes: Oncorhynchus mykiss

Endpoint: DSEO-R (NOELR) - Species: Algae = 10 mg/l - Duration h: 72 - Notes:

Pseudokirchneriella subcapitata

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia = 0.17 mg/l - Duration h: 504

Endpoint: LOEC

- Species: Daphnia = 0.32 mg/l - Duration h: 504

cyclohexane - CAS: 110-82-7

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Aquatic invertebrates > 10 mg/l - Notes: Daphnia magna

Endpoint: EC50 - Species: Aquatic invertebrates < 100 mg/l - Notes: Daphnia magna

Endpoint: EL50

- Species: Daphnia = 3 mg/l - Duration h: 48 - Notes: Daphnia magna

Endpoint: LC50 - Species: Fish = 4.5 mg/l - Duration h: 48 - Notes: Fathead Minnow

Endpoint: LL50

- Species: Fish > 13.4 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss

Endpoint: EL50

- Species: Algae > 10 mg/l - Duration h: 72 - Notes: Pseudokirchneriella subcapitata

Endpoint: EC50 - Species: Aquatic plants = 9.317 mg/kg/d - Duration h: 36 - Notes: Selenastrum capricornutum

Endpoint: DSEO-R (NOELR) - Species: Algae = 10 mg/l - Duration h: 72 - Notes:

Pseudokirchneriella subcapitata

b) Aquatic chronic toxicity:

Endpoint: EL50

- Species: Aquatic invertebrates = 1.6 mg/l - Duration h: 504 - Notes: Daphnia magna

Endpoint: LOEC

- Species: Aquatic invertebrates = 0.32 mg/l - Duration h: 504 - Notes: Daphnia magna

Endpoint: NOEC - Species: Aquatic invertebrates = 0.17 mg/l - Duration h: 504 - Notes: Daphnia magna

Endpoint: DSEO-R (NOELR) - Species: Daphnia = 1 mg/l - Duration h: 504 - Notes: Daphnia magna

12.2. Persistence and degradability

ethanol; ethyl alcohol - CAS: 64-17-5

Biodegradability: Readily biodegradable

methanol - CAS: 67-56-1

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

ethyl acetate - CAS: 141-78-6

Biodegradability: Biodegradability rate - Duration: 20 days - %: 69

n-hexane - CAS: 110-54-3

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Biodegradability: Biodegradability rate - Duration: 28 days - %: 98
 cyclohexane - CAS: 110-82-7

Biodegradability: Biodegradability rate - Duration: 28 days - %: 9

Biodegradability: Manometer Breathing - Duration: 28 days - %: 77

12.3. Bioaccumulative potential

ethanol; ethyl alcohol - CAS: 64-17-5

Log Pow -0.35

methanol - CAS: 67-56-1

Log Pow -0.77

ethyl acetate - CAS: 141-78-6

BCF - Test: BCF - Bioconcentration factor 30 - Duration: 3 days - Notes: Leuciscus Idus

Log Pow 0.68 - Notes: 25°C

formaldehyde ...% - CAS: 50-00-0

Log Kow 0.35

cyclohexane - CAS: 110-82-7

Log Kow 3.44

12.4. Mobility in soil

ethyl acetate - CAS: 141-78-6

Log Poc 8.6%

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

No harmful effects expected.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

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

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

SECTION 14: Transport information



14.1. UN number or ID number

ADR-UN Number: 1263

ADR/RID/ADN-UN Number: 1263

ADR/RID-UN Number: 1263

ADR/ADN-UN Number: 1263

IATA-UN Number: 1263

IMDG-UN Number: 1263

14.2. UN proper shipping name

ADR-Shipping Name: PAINT

ADR/RID-Shipping Name: PAINT

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ADR/ADN-Shipping Name: PAINT
 ADR/RID/ADN-Shipping Name: PAINT
 IATA-Shipping Name: PAINT
 IMDG-Shipping Name: PAINT

14.3. Transport hazard class(es)

ADR-Class: 3
 ADR/RID-Class: 3
 ADR/ADN-Class: 3
 ADR/RID/ADN-Class: 3
 ADR - Hazard identification number: 33
 IATA-Class: 3
 IATA-Label: 3
 IMDG-Class: 3

14.4. Packing group

ADR-Packing Group: II
 ADR/RID-Packing Group: II
 ADR/ADN-Packing Group: II
 ADR/RID/ADN-Packing Group: II
 IATA-Packing group: II
 IMDG-Packing group: II

14.5. Environmental hazards

ADR-Environmental Pollutant: Yes
 IMDG-Marine pollutant: Yes
 Most important toxic component: zinc oxide
 IMDG-EmS: F-E , S-E

14.6. Special precautions for user

ADR-Subsidiary hazards: -
 ADR-S.P.: 163 367 640C 650
 ADR-Transport category (Tunnel restriction code): 2 (D/E)
 IATA-Passenger Aircraft: 353
 IATA-Subsidiary hazards: -
 IATA-Cargo Aircraft: 364
 IATA-S.P.: A3 A72 A192
 IATA-ERG: 3L
 IMDG-Subsidiary hazards: -
 IMDG-Stowage and handling: Category B
 IMDG-Segregation: -
 Q.L.: 5L
 Q.L.: 5L
 Q.L.: 1L
 Q.L.: 1L
 Q.L.: 5 L
 Q.L.: 1L
 Q.L.: 5L
 Q.L.: 5L
 Q.L.: 1Kg

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Q.E.: E2
Q.E.: E2
Q.E.: E2
Q.E.: E1
Q.E.: E1
Q.E.: E2
Q.E.: E1
Q.E.: E1
Q.E.: E2

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 29

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Restriction 57

Restriction 69

Restriction 72

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.

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: P5c, E2

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.

H225 Highly flammable liquid and vapour.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H317 May cause an allergic skin reaction.

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H302 Harmful if swallowed.
H315 Causes skin irritation.
H341 Suspected of causing genetic defects.
H411 Toxic to aquatic life with long lasting effects.
H373 May cause damage to organs through prolonged or repeated exposure.
H314 Causes severe skin burns and eye damage.
H301 Toxic if swallowed.
H311 Toxic in contact with skin.
H330 Fatal if inhaled.
H370 Causes damage to organs.
H331 Toxic if inhaled.
H371 May cause damage to organs.
H351 Suspected of causing cancer.
H332 Harmful if inhaled.
EUH066 Repeated exposure may cause skin dryness or cracking.
H350 May cause cancer.
H361f Suspected of damaging fertility.
H304 May be fatal if swallowed and enters airways.

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/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/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 Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1
Muta. 2	3.5/2	Germ cell mutagenicity, Category 2

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Carc. 1B	3.6/1B	Carcinogenicity, Category 1B
Carc. 2	3.6/2	Carcinogenicity, Category 2
Repr. 2	3.7/2	Reproductive toxicity, Category 2
STOT SE 1	3.8/1	Specific target organ toxicity - single exposure, Category 1
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 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 2	4.1/C2	Chronic (long term) aquatic hazard, category 2

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. 2, H225	On basis of test data
Skin Irrit. 2, H315	Calculation method
Eye Irrit. 2, H319	Calculation method
Skin Sens. 1, H317	Calculation method
Muta. 2, H341	Calculation method
Aquatic Chronic 2, H411	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

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

AEROGLAZE 9947A - P16108

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold
CCNL - Appendix 1
Insert further consulted bibliography

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

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

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

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

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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.