

Safety Data Sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 15.10.2024

Version number 4

Revision: 02.09.2024

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

1.1 Product identifier

Trade name: **webertec 774**

Safety data sheet no.: 358P0141

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

No further relevant information available.

Application of the substance / the mixture

Construction chemicals

Protective impregnation

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Saint-Gobain Finland Oy / Weber

PL 70

(Strömberginkuja 2)

FIN-00381 Helsinki

Tel. +358-(0)10-44 22 00

Fax +358-(0)10-44 22 295

DL-productsafety.fi@saint-gobain.com

www.fi.weber

1.4 Emergency telephone number:

0800 147 111 (toll-free)

09 471 977 (standard rate)

Finnish Poison Information Centre

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Flam. Liq. 3 H226 Flammable liquid and vapour.

Eye Dam. 1 H318 Causes serious eye damage.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS02 GHS05

Signal word Danger

Hazard-determining components of labelling:

Polydimethylsiloxane, (((3-((2-aminoethyl)amino)propyl)silyldiyl)tris(oxy))tris-, methoxy-terminated acetic acid

Hazard statements

H226 Flammable liquid and vapour.

H318 Causes serious eye damage.

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Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.
 P103 Read carefully and follow all instructions.
 P261 Avoid breathing mist/vapours/spray.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P370+P378 In case of fire: Use CO₂, sand, extinguishing powder to extinguish.
 P403+P235 Store in a well-ventilated place. Keep cool.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Does not contain PBT substances.

vPvB: Does not contain vPvB substances.

Determination of endocrine-disrupting properties Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Alkylsiliconresins with Alkoxygroups

Dangerous components:

CAS: 67923-07-3 EC number: 614-170-4	Polydimethylsiloxane, (((3-((2-aminoethyl)amino)propyl)silyldiyl)tris(oxy))tris-, methoxy-terminated ⚠ Flam. Liq. 3, H226; ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315	>20-<25%
CAS: 78-10-4 EINECS: 201-083-8 Index number: 014-005-00-0 Reg.nr.: 01-2119496195-28-xxxx	tetraethyl orthosilicate ⚠ Flam. Liq. 3, H226; ⚠ Acute Tox. 4, H332; Eye Irrit. 2, H319; STOT SE 3, H335	>10-<15%
CAS: 64-19-7 EINECS: 200-580-7 Index number: 607-002-00-6 Reg.nr.: 01-2119475328-30-xxxx	acetic acid ⚠ Flam. Liq. 3, H226; ⚠ Skin Corr. 1A, H314 Specific concentration limits: Skin Corr. 1A; H314: C ≥ 90 % Skin Corr. 1B; H314: 25 % ≤ C < 90 % Skin Irrit. 2; H315: 10 % ≤ C < 25 % Eye Irrit. 2; H319: 10 % ≤ C < 25 %	≥5-<10%

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CAS: 67-56-1 EINECS: 200-659-6 Index number: 603-001-00-X Reg.nr.: 01-2119392409-28-xxxx	methanol ⚠ Flam. Liq. 2, H225; ⚠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; ⚠ STOT SE 1, H370 Specific concentration limits: STOT SE 1; H370: C ≥ 10 % STOT SE 2; H371: 3 % ≤ C < 10 %	>0.3-<0.6%
CAS: 556-67-2 EINECS: 209-136-7 Index number: 014-018-00-1 Reg.nr.: 01-2119529238-36-xxxx	Octamethylcyclotetrasiloxane ⚠ Flam. Liq. 3, H226; ⚠ Repr. 2, H361f; ⚠ Aquatic Chronic 1, H410 (M=10) PBT; vPvB	≥0.025-<0.1%

SVHC Void
Additional information For the wording of the listed hazard statements refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Immediately remove any clothing soiled by the product.

Remove the victim immediately from the danger area. If the patient is unwell consult a doctor and present this data sheet.

After inhalation Supply fresh air and to be sure call for a doctor.

After skin contact

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

After eye contact

Rinse opened eye for several minutes under running water. Then consult doctor. Rinse liquid should be tempered (20-30°C).

After swallowing

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

Acidosis

Headache

Cramp

Dizziness

Nausea

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents

Alcohol-resistant foam

CO₂, sand, extinguishing powder. Do not use water.

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For safety reasons unsuitable extinguishing agents

Water spray

Water with full jet

5.2 Special hazards arising from the substance or mixture

During heating or in case of fire poisonous gases are produced.

5.3 Advice for firefighters

Protective equipment: Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Keep away from ignition sources

6.2 Environmental precautions: Do not allow product to reach sewage system or any water course.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of the material collected according to regulations.

Ensure adequate ventilation.

6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Information about fire - and explosion protection:

Fumes can combine with air to form an explosive mixture.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles: Store in a cool location.

Information about storage in one common storage facility: Do not store together with acids.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Protect from humidity and water.

Recommended storage temperature: 5-30°C.

7.3 Specific end use(s) No further relevant information available.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

DNELs		
CAS: 78-10-4 tetraethyl orthosilicate		
Dermal	Derived No Effect Level	6.3 mg/kgxday (worker systemic long term value) 1.8 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	44 mg/m ³ (worker systemic long term value) 44 mg/m ³ (worker systemic short term value) 5.3 mg/m ³ (consumer systemic long term value) 5.3 mg/m ³ (consumer systemic short term value) 44 mg/m ³ (worker local short term value) 44 mg/m ³ (worker local long term value) 5.3 mg/m ³ (consumer local long term value) 5.3 mg/m ³ (consumer local short term value)
CAS: 64-19-7 acetic acid		
Inhalative	Derived No Effect Level	25 mg/m ³ (worker local short term value) 25 mg/m ³ (worker local long term value) 25 mg/m ³ (consumer local long term value) 25 mg/m ³ (consumer local short term value)
CAS: 67-56-1 methanol		
Oral	Derived No Effect Level	4 mg/kgxday (consumer systemic long term value)
Dermal	Derived No Effect Level	20 mg/kgxday (worker systemic long term value) 4 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	130 mg/m ³ (worker systemic long term value) 26 mg/m ³ (consumer systemic long term value)
CAS: 556-67-2 Octamethylcyclotetrasiloxane		
Oral	Derived No Effect Level	3.7 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	73 mg/m ³ (worker systemic long term value) 13 mg/m ³ (consumer systemic long term value)
PNECs		
CAS: 64-19-7 acetic acid		
Predicted No-Effect Concentration		0.47 mg/kgxdwt (earth rating factor)
Predicted No-Effect Concentration		0.306 mg/l (sea water rating factor) 3.058 mg/l (fresh water rating factor)
CAS: 556-67-2 Octamethylcyclotetrasiloxane		
Predicted No-Effect Concentration		0.84 mg/kgxdwt (earth rating factor)
Predicted No-Effect Concentration		0.00015 mg/l (sea water rating factor) 0.0015 mg/l (fresh water rating factor)

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Ingredients with biological limit values:

CAS: 67-56-1 methanol

BGW (Germany)	15 mg/l Untersuchungsmaterial: Urin Probennahmezeitpunkt: Expositionsende bzw. Schichtende, bei Langzeitexposition: am Schichtende nach mehreren vorangegangenen Schichten Parameter: Methanol
VLB (Spain)	15 mg/l Muestra: orina Momento de Muestero: Final de la jornada laboral Indicador Biológico: Metanol
IBE (Italy)	15 mg/l Campioni: urine Momento del prelievo: a fine turno Indicatore biologico: metanolo
IBE (Portugal)	15 mg/L Amostra: urina Momento da amostragem: Fim do turno Indicador biológico: Metanol

CAS No. / Designation of material / % / Type / Value / Unit

CAS: 78-10-4 tetraethyl orthosilicate

IOELV (European Union)	Long-term value: 44 mg/m ³ , 5 ppm
AGW (Germany)	Long-term value: 12 mg/m ³ , 1.4 ppm 1(I);AGS
GV (Denmark)	Short-term value: 88 mg/m ³ , 10 ppm Long-term value: 44 mg/m ³ , 5 ppm E
LEP (Spain)	Long-term value: 44 mg/m ³ , 5 ppm VLI
TWA (Italy)	Long-term value: 85 mg/m ³ , 10 ppm
VL (Italy)	Long-term value: 44 mg/m ³ , 5 ppm
VLE (Portugal)	Long-term value: 10 ppm Irritação ocular,do TRS; lesão renal
OEL (Sweden)	Short-term value: 86 mg/m ³ , 10 ppm Long-term value: 44 mg/m ³ , 5 ppm
HTP (Finland)	Short-term value: 86 mg/m ³ , 10 ppm Long-term value: 43 mg/m ³ , 5 ppm

CAS: 64-19-7 acetic acid

IOELV (European Union)	Short-term value: 50 mg/m ³ , 20 ppm Long-term value: 25 mg/m ³ , 10 ppm
AGW (Germany)	Long-term value: 25 mg/m ³ , 10 ppm 2(I);DFG, EU, Y
GV (Denmark)	Short-term value: 50 mg/m ³ , 20 ppm Long-term value: 25 mg/m ³ , 10 ppm E

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LEP (Spain)	Short-term value: 50 mg/m ³ , 20 ppm Long-term value: 25 mg/m ³ , 10 ppm VLI
TWA (Italy)	Short-term value: 37 mg/m ³ , 15 ppm Long-term value: 25 mg/m ³ , 10 ppm
VL (Italy)	Short-term value: 50 mg/m ³ , 20 ppm Long-term value: 25 mg/m ³ , 10 ppm
VLE (Portugal)	Short-term value: 15 ppm Long-term value: 10 ppm Irritação ocular e do TRS; função respiratória
OEL (Sweden)	Short-term value: 25 mg/m ³ , 10 ppm Long-term value: 13 mg/m ³ , 5 ppm
HTP (Finland)	Short-term value: 25 mg/m ³ , 10 ppm Long-term value: 13 mg/m ³ , 5 ppm

CAS: 67-56-1 methanol

IOELV (European Union)	Long-term value: 260 mg/m ³ , 200 ppm Skin
AGW (Germany)	Long-term value: 130 mg/m ³ , 100 ppm 2(II);DFG, EU, H, Y
GV (Denmark)	Short-term value: 520 mg/m ³ , 400 ppm Long-term value: 260 mg/m ³ , 200 ppm EH
LEP (Spain)	Long-term value: 266 mg/m ³ , 200 ppm vía dérmica, VLB, VLI, r
TWA (Italy)	Short-term value: 328 mg/m ³ , 250 ppm Long-term value: 262 mg/m ³ , 200 ppm Cute, IBE
VL (Italy)	Long-term value: 260 mg/m ³ , 200 ppm Cute
VLE (Portugal)	Short-term value: 250 ppm Long-term value: 200 ppm P; IBE;Cefaleias;lesão ocular;tonturas;náuseas
OEL (Sweden)	Short-term value: 350 mg/m ³ , 250 ppm Long-term value: 250 mg/m ³ , 200 ppm H, V
HTP (Finland)	Short-term value: 330 mg/m ³ , 250 ppm Long-term value: 270 mg/m ³ , 200 ppm iho

Additional information:

The applicable TRGS 900 (MAK list) was used as the basis for the preparation and/or revision of this safety data sheet.

8.2 Exposure controls

Appropriate engineering controls No further data; see section 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

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Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
Use a moisturising skin cream after processing the product.

Respiratory protection:

Use suitable respiratory protective device in case of insufficient ventilation.
In case of brief exposure or low pollution use respiratory filter device.
In case of intensive or longer exposure use self-contained respiratory protective device.
Short term filter device:
Filter AX.

Hand protection

Protective gloves.
The glove material has to be impermeable and resistant to the product/ the substance/ the mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

Nitrile rubber, NBR
Butyl rubber, BR

Recommended thickness of the material: \geq Butyl 0.3 mm; NBR 0.4 mm

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

Breakthrough time: > 480 (Butyl); (NBR) 10-30 min

The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye/face protection Tightly sealed goggles

Body protection: Protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Colour:	Yellowish
Odour:	Weak, characteristic
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling range	Undetermined.
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	25 °C (DIN ISO 2592)
Auto-ignition temperature:	310 °C
Decomposition temperature:	Not determined.
pH at 25 °C	5 - 6
Viscosity:	
Kinematic viscosity	Not determined.

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dynamic at 25 °C:	1 - 10 mPas (DIN 51562)
Solubility	
Water:	Fully miscible
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density	
Density at 25 °C:	0.96 g/cm ³ (DIN 51757)
Bulk density:	Not applicable.
Vapour density	Not determined.

9.2 Other information	None.
Appearance:	
Form:	Fluid
Important information on protection of health and environment, and on safety.	
Ignition temperature:	Product is not self-igniting.
Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Minimum ignition energy	
Solvent separation test:	Not determined
Change in condition	
Softening point/range	
Oxidising properties	Not determined.
Evaporation rate	Not determined.

Information with regard to physical hazard classes	
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Flammable liquid and vapour.
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

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10.2 Chemical stability**Thermal decomposition / Conditions to be avoided:**

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions Reacts with water and acids**10.4 Conditions to avoid** Avoid heat, sparkles, naked flame or other sources of ignition.**10.5 Incompatible materials:** Reacts slowly with water and acids forming ethanol.**10.6 Hazardous decomposition products:**

Small quantities of formaldehyde may be formed

During hydrolysis ethanol and methanol.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**Acute toxicity** Based on available data, the classification criteria are not met.**LD/LC50 values relevant for classification:**

Components	Type	Value	Species
Oral	LD50	>2,000 mg/kg	(Rat)
Dermal	LD50	>2,000 mg/kg	(Rat)
Inhalative	LC50/4 h	>0.72 mg/l	(Rat)

CAS: 78-10-4 tetraethyl orthosilicate

Oral	LD50	>2,000 mg/kg	(Rat)
Inhalative	LC50/4 h	>10-16.8 mg/l	(Rat)

CAS: 64-19-7 acetic acid

Oral	LD50	3,310 mg/kg	(Rat)
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CAS: 67-56-1 methanol

Oral	LD50	1,187-2,769 mg/kg	(Rat)
Dermal	LD50	17,100 mg/kg	(Rat)
Inhalative	LC50/4 h	43.7 mg/l	(Rat)

CAS: 556-67-2 Octamethylcyclotetrasiloxane

Oral	LD50	>4,800 mg/kg	(Rat)
Dermal	LD50	2,375 mg/kg	(Rat)
Inhalative	LC50/4 h	36 mg/l	(Rat)

Primary irritant effect:**Skin corrosion/irritation** Based on available data, the classification criteria are not met.**Serious eye damage/irritation** Causes serious eye damage.**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.**Germ cell mutagenicity** Based on available data, the classification criteria are not met.**Carcinogenicity** Based on available data, the classification criteria are not met.**Reproductive toxicity** Based on available data, the classification criteria are not met.**STOT-single exposure** Based on available data, the classification criteria are not met.**STOT-repeated exposure** Based on available data, the classification criteria are not met.**Aspiration hazard** Product causes shortness of breath and impaired coordination when inhaled.

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11.2 Information on other hazards

Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

Type of test / Effective concentration / Method / Assessment

CAS: 78-10-4 tetraethyl orthosilicate

LC50/96h	>245 mg/l (Fish)
EC50/48h	75-844 mg/l (aquatic invertebrates) (OECD 203)
EC50/72h	5.8-100 mg/l (aquatic algae and cyanobacteria)

CAS: 64-19-7 acetic acid

LC50/96h	300.82-1,000 mg/l (Fish)
EC50/48h	300.82-1,000 mg/l (aquatic invertebrates)
EC50/72h	300.82-1,000 mg/l (aquatic algae and cyanobacteria)
NOEC (72h)	300.82-1,000 mg/l (aquatic algae and cyanobacteria)
NOEC (96h)	300.82-1,000 mg/l (Fish)

CAS: 67-56-1 methanol

LC50/96h	15,400 mg/l (Fish)
EC50/48h	>10,000 mg/l (aquatic invertebrates)
EC50/96h	22,000 mg/l (aquatic algae and cyanobacteria) 18,260 mg/l (aquatic invertebrates)
	12,700 mg/l (Fish)
NOEC (21d)	208 mg/l (aquatic invertebrates)
NOEC (28d)	446.7 mg/l (Fish)

CAS: 556-67-2 Octamethylcyclotetrasiloxane

LC50/96h	0.022 mg/l (Fish)
EC50/48h	0.015 mg/l (aquatic invertebrates)
EC50/96h	0.022 mg/l (aquatic algae and cyanobacteria)
NOEC (14d)	0.0044 mg/l (Fish)
NOEC (21d)	0.015 mg/l (aquatic invertebrates)

12.2 Persistence and degradability No further relevant information available.

Method

CAS: 78-10-4 tetraethyl orthosilicate

Biod. (28 days) 98 % (DOC-decrease)

12.3 Bioaccumulative potential

CAS: 78-10-4 tetraethyl orthosilicate

EBAB 1.4 log Pow

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CAS: 556-67-2 Octamethylcyclotetrasiloxane

EBAB | 6.98 log Pow

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Does not contain PBT substances.

vPvB: Does not contain vPvB substances.

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects

Remark: The product contains substances which causes severe clouding in water

Behaviour in sewage processing plants:

Type of test / Effective concentration / Method / Assessment

CAS: 78-10-4 tetraethyl orthosilicate

EC 50 (3h) | 100 mg/l (microorganisms)

CAS: 556-67-2 Octamethylcyclotetrasiloxane

EC 50 (3h) | >10,000 mg/l (microorganisms)

Additional ecological information:

General notes:

Do not allow product to reach ground water, water course or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

After prior treatment product has to be disposed of in an incinerator for hazardous waste adhering to the regulations pertaining to the disposal of particularly hazardous waste.

European waste catalogue

08 01 12 | waste paint and varnish other than those mentioned in 08 01 11

Uncleaned packaging:

Recommendation:

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

Recommended cleaning agent: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

14.1 UN number or ID number

ADR, IMDG, IATA

UN1993

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14.2 UN proper shipping name

ADR

1993 FLAMMABLE LIQUID, N.O.S. (trimethoxy(2,4,4-trimethylpentyl)silane, TETRAETHYL SILICATE)

IMDG, IATA

FLAMMABLE LIQUID, N.O.S. (trimethoxy(2,4,4-trimethylpentyl)silane, TETRAETHYL SILICATE)

14.3 Transport hazard class(es)

ADR



Class

3 (F1) Flammable liquids.

Label

3

IMDG, IATA



Class

3 Flammable liquids.

Label

3

14.4 Packing group

ADR, IMDG, IATA

III

14.5 Environmental hazards:

Marine pollutant:

No

14.6 Special precautions for user

Warning: Flammable liquids.

Hazard identification number (Kemler code):

30

EMS Number:

F-E,S-E

Segregation groups

(SGG1) Acids

Stowage Category

A

14.7 Maritime transport in bulk according to

IMO instruments

Not applicable.

Transport/Additional information:

ADR

Limited quantities (LQ)

5L

Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

Transport category

3

Tunnel restriction code

D/E

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IMDG

Limited quantities (LQ)

5L

Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

UN "Model Regulation":

UN 1993 FLAMMABLE LIQUID, N.O.S.
(TRIMETHOXY(2,4,4-TRIMETHYLPENTYL)SILANE,
TETRAETHYL SILICATE), 3, III

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 (REACH) (Candidate List, Annexes XIV and XVII)

Regulation (EC) No 1272/2008 (CLP)

Regulation (EU) 2020/878 (amending REACH Annex II on the compilation of safety data sheets)

Labelling according to Regulation (EC) No 1272/2008 cf. section 2

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

Seveso category P5c FLAMMABLE LIQUIDS

Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t

Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3, 69, 70

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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Safety Data Sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 15.10.2024

Version number 4

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This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

Relevant phrases

The following list of relevant hazard statements is the full text of hazard statements mentioned elsewhere in this safety data sheet (in particular in the section 3) and is reported as required by the Regulation (EC) No 1907/2006 (REACH), Annex II, and the following amendments (Regulation (EU) 2020/878). The statements mentioned here do not refer to the product itself, but refer to the individual ingredients in the products, and are provided for information.

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H301 Toxic if swallowed.
- H311 Toxic in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H331 Toxic if inhaled.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H361f Suspected of damaging fertility.
- H370 Causes damage to organs.
- H371 May cause damage to organs.
- H410 Very toxic to aquatic life with long lasting effects.

Classification according to Regulation (EC) No 1272/2008

Flammable liquids	Bridging principles
Serious eye damage/irritation	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Department issuing SDS:

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QEHS
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FI-00381 Helsinki

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Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organisation
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent

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PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern (REACH regulation)
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 2: Flammable liquids – Category 2
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 3: Acute toxicity – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1A: Skin corrosion/irritation – Category 1A
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Repr. 2: Reproductive toxicity – Category 2
STOT SE 1: Specific target organ toxicity (single exposure) – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

*** Data compared to the previous version altered.**

According to Annex II of the REACH regulation, the modified sections in this version of the Safety Data Sheet in comparison with the previous one are marked with asterisks.

EUG

