

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

Printing date 21.05.2024

Version number 1

Revision: 21.05.2024

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

**1.1 Product identifier**

Trade name: **weberprim 500 F-b**

Safety data sheet no.: XXP018111-b

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

The product is intended for professional or consumer use.

**Application of the substance / the mixture** Hardening agent/ Curing agent

**1.3 Details of the supplier of the safety data sheet**

**Manufacturer/Supplier:**

Saint-Gobain Weber Yapı Kim. San. ve Tic. A.S.

Kemalpaşa OSB Mah. Kuyucak Yolu Sokak No:284

35730 Kemalpaşa / Izmir

TURKEY

Tel: +90 232 397 07 00

Fax: +90 232 397 08 00

**1.4 Emergency telephone number:**

Tel: +90 232 397 07 13-07 84

National Poison Information Center (UZEM): 114

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008



GHS08 health hazard

Repr. 2                      H361f Suspected of damaging fertility.



GHS05 corrosion

Skin Corr. 1B              H314 Causes severe skin burns and eye damage.

Eye Dam. 1                H318 Causes serious eye damage.



GHS09 environment

Aquatic Chronic 2      H411 Toxic to aquatic life with long lasting effects.



GHS07

Acute Tox. 4                H302 Harmful if swallowed.

Acute Tox. 4                H332 Harmful if inhaled.

Skin Sens. 1                H317 May cause an allergic skin reaction.

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**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**



GHS05 GHS07 GHS08 GHS09

**Signal word** Danger

**Hazard-determining components of labelling:**

Benzyl alcohol  
m-phenylenebis(methylamine)  
3-aminomethyl-3,5,5-trimethylcyclohexylamine  
4-tert-butylphenol

**Hazard statements**

H302+H332 Harmful if swallowed or if inhaled.  
H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.  
H361f Suspected of damaging fertility.  
H411 Toxic to aquatic life with long lasting effects.

**Precautionary statements**

P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER/doctor.  
P405 Store locked up.  
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**

CAS: 98-54-4 | 4-tert-butylphenol

List I; II

**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures**

**Description:** Mixture of substances listed below with non hazardous additions.

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<b>Dangerous components:</b>		
CAS: 100-51-6 EINECS: 202-859-9 Index number: 603-057-00-5 Reg.nr.: 01-2119492630-38-xxxx	Benzyl alcohol ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; Eye Irrit. 2, H319	25-50%
CAS: 1477-55-0 EINECS: 216-032-5 Reg.nr.: 01-2119480150-50-xxxx	m-phenylenebis(methylamine) ⚠ Skin Corr. 1B, H314; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Sens. 1, H317; Aquatic Chronic 3, H412, EUH071	25%
CAS: 2855-13-2 EINECS: 220-666-8 Index number: 612-067-00-9 Reg.nr.: 01-2119514687-32-xxxx	3-aminomethyl-3,5,5-trimethylcyclohexylamine ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Skin Sens. 1A, H317 Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.001 %	10-20%
CAS: 98-54-4 EINECS: 202-679-0 Index number: 604-090-00-8 Reg.nr.: 01-2119489419-21-xxxx	4-tert-butylphenol ⚠ Repr. 2, H361f; ⚠ Eye Dam. 1, H318; ⚠ Aquatic Chronic 1, H410 (M= 1); ⚠ Skin Irrit. 2, H315	10%

### SVHC

CAS: 98-54-4 | 4-tert-butylphenol

**Additional information** For the wording of the listed hazard phrases 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.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Never administer anything by mouth to an unconscious person.

If unconscious, place the patient in a stable side position and consult a doctor

#### After inhalation

In case of unconsciousness place patient stably in side position for transportation.

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

#### After skin contact

Immediately wash with water and soap and rinse thoroughly.

Immediately rinse with water.

#### 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

Call for a doctor immediately.

Drink plenty of water and provide fresh air. Call for a doctor immediately.

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### 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

### 4.3 Indication of any immediate medical attention and special treatment needed

If swallowed, gastric irrigation with added, activated carbon.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing agents** The product is not combustible.

**For safety reasons unsuitable extinguishing agents** Dry sand

### 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:

Use methods suitable to surrounding conditions.

Wear fully protective suit.

Mouth respiratory protective device.

#### Additional information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid formation of dust.

Ensure adequate ventilation.

Mouth respiratory protective device.

### 6.2 Environmental precautions:

The product must not get into watercourses or into the soil.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

### 6.3 Methods and material for containment and cleaning up:

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

Use neutralising agent.

Dispose of contaminated material as waste according to section 13.

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

Keep receptacles tightly sealed.

Ensure good ventilation/exhaustion at the workplace.

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Prevent formation of aerosols.

**Information about fire - and explosion protection:** Keep respiratory protective device available.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage

**Requirements to be met by storerooms and receptacles:**

Store only in unopened original receptacles.

**Information about storage in one common storage facility:** Store away from foodstuffs.

**Further information about storage conditions:**

Store in cool, dry conditions in well sealed receptacles.

Protect from humidity and water.

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

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

**Ingredients with limit values that require monitoring at the workplace:**

DNELs		
<b>CAS: 100-51-6 Benzyl alcohol</b>		
Oral	Derived No Effect Level	4 mg/kgxday (consumer systemic long term value)
Dermal	Derived No Effect Level	8 mg/kgxday (worker systemic long term value)
		4 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	22 mg/m <sup>3</sup> (worker systemic long term value)
		5.4 mg/m <sup>3</sup> (consumer systemic long term value)
<b>CAS: 1477-55-0 m-phenylenebis(methylamine)</b>		
Dermal	Derived No Effect Level	0.33 mg/kgxday (worker systemic long term value)
Inhalative	Derived No Effect Level	1.2 mg/m <sup>3</sup> (worker systemic long term value)
		0.2 mg/m <sup>3</sup> (worker local long term value)
<b>CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine</b>		
Oral	Derived No Effect Level	0.3 mg/kgxday (consumer systemic long term value)
		0.3 mg/kgxday (consumer systemic short term value)
Inhalative	Derived No Effect Level	0.073 mg/m <sup>3</sup> (worker local short term value)
		0.073 mg/m <sup>3</sup> (worker local long term value)
<b>CAS: 98-54-4 4-tert-butylphenol</b>		
Oral	Derived No Effect Level	0.026 mg/kgxday (consumer systemic long term value)
Dermal	Derived No Effect Level	0.071 mg/kgxday (worker systemic long term value)
		0.026 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	0.5 mg/m <sup>3</sup> (worker systemic long term value)
		0.09 mg/m <sup>3</sup> (consumer systemic long term value)
PNECs		
<b>CAS: 100-51-6 Benzyl alcohol</b>		
Predicted No-Effect Concentration		0.456 mg/kgxdwt (earth rating factor)

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Predicted No-Effect Concentration	0.1 mg/l (sea water rating factor) 1 mg/l (fresh water rating factor)
<b>CAS: 1477-55-0 m-phenylenebis(methylamine)</b>	
Predicted No-Effect Concentration	2.44 mg/kgxdwt (earth rating factor)
Predicted No-Effect Concentration	0.0094 mg/l (sea water rating factor) 0.094 mg/l (fresh water rating factor)
<b>CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine</b>	
Predicted No-Effect Concentration	1.121 mg/kgxdwt (earth rating factor)
Predicted No-Effect Concentration	0.006 mg/l (sea water rating factor) 0.06 mg/l (fresh water rating factor)
<b>CAS: 98-54-4 4-tert-butylphenol</b>	
Predicted No-Effect Concentration	0.001 mg/l (sea water rating factor) 0.01 mg/l (fresh water rating factor)

**Ingredients with biological limit values:**

**CAS: 98-54-4 4-tert-butylphenol**

BGW (Germany)	2 mg/l Untersuchungsmaterial: Urin Probennahmezeitpunkt: Expositionsende bzw. Schichtende Parameter: 4-tert-Butylphenol (p-tert-Butylphenol) (nach Hydrolyse)
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**CAS No. / Designation of material / % / Type / Value / Unit**

**CAS: 100-51-6 Benzyl alcohol**

AGW (Germany)	Long-term value: 22 mg/m <sup>3</sup> , 5 ppm 2(I);DFG, H, Y, 11
HTP (Finland)	Long-term value: 45 mg/m <sup>3</sup> , 10 ppm

**CAS: 1477-55-0 m-phenylenebis(methylamine)**

MAK (Germany)	als Dampf und Aerosol;vgl.Abschn.IV
GV (Denmark)	Ceiling limit: 0.1 mg/m <sup>3</sup> , 0.02 ppm LH
TWA (Italy)	Ceiling limit: 0.1 mg/m <sup>3</sup> Cute
VLE (Portugal)	Ceiling limit: 0.1 mg/m <sup>3</sup> P; Irritação ocular, cutânea e GI
HTP (Finland)	Ceiling limit: 0.1 mg/m <sup>3</sup> iho

**CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine**

MAK (Germany)	als Dampf und Aerosol;vgl.Abschn.IIb
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**CAS: 98-54-4 4-tert-butylphenol**

AGW (Germany)	Long-term value: 0.5 mg/m <sup>3</sup> , 0.08 ppm 2(II);DFG, H, 11
GV (Denmark)	Short-term value: 1 mg/m <sup>3</sup> , 0.16 ppm Long-term value: 0.5 mg/m <sup>3</sup> , 0.08 ppm H

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LEP (Spain)	Short-term value: 1* mg/m <sup>3</sup> , 0.16* ppm Long-term value: 0.5* mg/m <sup>3</sup> , 0.08* ppm *Propuesta de modificación: ví a dé rmica, Sen, ae
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**Additional Occupational Exposure Limit Values for possible hazards during processing:**

Total inhalable dust: 10 mg/m<sup>3</sup>

Respirable dust (< 5 µm): 4 mg/m<sup>3</sup>

**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.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

Use a moisturising skin cream after processing the product.

**Respiratory protection:**

Short term filter device:

Filter P2.

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.

**Hand protection** Protective gloves.

**Material of gloves** Nitrile impregnated cotton gloves complying with the standard EN 374-1.

**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**

<b>Physical state</b>	Fluid
<b>Colour:</b>	Yellowish-transparent
<b>Odour:</b>	Aromatic
<b>Odour threshold:</b>	Not determined.
<b>Melting point/freezing point:</b>	Undetermined.
<b>Boiling point or initial boiling point and boiling range</b>	205.3 °C (DIN, CAS: 100-51-6 Benzyl alcohol)
<b>Flammability</b>	Not applicable.

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**Lower and upper explosion limit**

<b>Lower:</b>	1.3 Vol % (DIN 51649, CAS: 100-51-6 Benzyl alcohol)
<b>Upper:</b>	13 Vol % (DIN 51649, CAS: 100-51-6 Benzyl alcohol)
<b>Flash point:</b>	100.4 °C (DIN ISO 2592, CAS: 100-51-6 Benzyl alcohol)
<b>Auto-ignition temperature:</b>	380 °C (DIN 51794, CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine)
<b>Decomposition temperature:</b>	Not determined.
<b>Viscosity:</b>	
<b>Kinematic viscosity</b>	Not determined.
<b>dynamic:</b>	Not determined.
<b>Solubility</b>	
<b>Water:</b>	Not miscible or difficult to mix
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
<b>Vapour pressure at 20 ° C:</b>	0.1 hPa (DIN 51640, CAS: 100-51-6 Benzyl alcohol)
<b>Vapour pressure at 50 ° C:</b>	0.7 hPa
<b>Density and/or relative density</b>	
<b>Density:</b>	Not determined
<b>Relative density</b>	Not determined.
<b>Bulk density:</b>	Not applicable.
<b>Vapour density</b>	Not determined.

**9.2 Other information**

<b>Appearance:</b>	
<b>Form:</b>	Liquid
<b>Important information on protection of health and environment, and on safety.</b>	
<b>Ignition temperature:</b>	Product is not self-igniting.
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>Minimum ignition energy</b>	
<b>Solvent separation test:</b>	Not determined
<b>Solvent content:</b>	
<b>Organic solvents:</b>	65.0 %
<b>EU-VOC (%)</b>	45.0000 %
<b>EU-VOC (g/L)</b>	450.0000 g/l
<b>Solids content:</b>	10.0 %
<b>Change in condition</b>	
<b>Softening point/range</b>	
<b>Oxidising properties</b>	Not determined.
<b>Evaporation rate</b>	Not determined.

**Information with regard to physical hazard classes**

<b>Explosives</b>	Void
<b>Flammable gases</b>	Void

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Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
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** Not reactive under normal conditions of use

**10.2 Chemical stability** Stable at recommended storage conditions

**Thermal decomposition / Conditions to be avoided:**

No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions** Reacts with acids

**10.4 Conditions to avoid** No further relevant information available.

**10.5 Incompatible materials:** No further relevant information available.

**10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

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

**Acute toxicity** Harmful if swallowed or if inhaled.

**LD/LC50 values relevant for classification:**

Components	Type	Value	Species
<b>CAS: 100-51-6 Benzyl alcohol</b>			
Oral	LD50	1,620 mg/kg	(Rat)
Dermal	LD50	>2,000 mg/kg	(Rabbit)
Inhalative	LC50/4 h	>4.178 mg/l	(Rat)
<b>CAS: 1477-55-0 m-phenylenebis(methylamine)</b>			
Oral	LD50	930 mg/kg	(Rat)
Dermal	LD50	>3,100 mg/kg	(Rabbit)
<b>CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine</b>			
Oral	LD50	1,030 mg/kg	(Rat)

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Dermal	LD50	>2,000 mg/kg (Rat)
<b>CAS: 98-54-4 4-tert-butylphenol</b>		
Oral	LD50	>2,000 mg/kg (Rat)

**Skin corrosion/irritation** Causes severe skin burns and eye damage.

**Serious eye damage/irritation** Causes serious eye damage.

**Respiratory or skin sensitisation** May cause an allergic skin reaction.

**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** Suspected of damaging fertility.

**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** Based on available data, the classification criteria are not met.

### 11.2 Information on other hazards

#### Endocrine disrupting properties

CAS: 98-54-4	4-tert-butylphenol	List I; II
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EU Endocrine Disruptor Lists: List I of identified ED in EU, List II of substances under evaluation in EU, List III of ED in some EU countries.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic toxicity:

Toxic to aquatic life with long lasting effects (H411)

Toxic to aquatic life with long lasting effects.

#### Type of test / Effective concentration / Method / Assessment

##### CAS: 100-51-6 Benzyl alcohol

LC50/96h	>100 mg/l (Fish)
EC50/24h	400 mg/l (aquatic invertebrates)
EC50/48h	230 mg/l (aquatic invertebrates)
EC50/72h	759 mg/l (aquatic algae and cyanobacteria)
NOEC (72h)	556 mg/l (aquatic algae and cyanobacteria)
NOEC (48h)	171 mg/l (aquatic invertebrates)
NOEC (21d)	51 mg/l (aquatic invertebrates)
EC 10/16h	658 mg/l (microorganisms)

##### CAS: 1477-55-0 m-phenylenebis(methylamine)

LC50/96h	87.6 mg/l (Fish)
EC50/48h	15.2 mg/l (aquatic invertebrates)
EC50/72h	20.3 mg/l (aquatic algae and cyanobacteria)
NOEC (72h)	10.5 mg/l (aquatic algae and cyanobacteria)
NOEC (21d)	4.7 mg/l (aquatic invertebrates)

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**CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine**

LC50/48h	388 mg/l (aquatic invertebrates)
LC50/24h	572 mg/l (aquatic invertebrates)
LC50/96h	324 mg/l (aquatic invertebrates) 110 mg/l (Fish)
EC50/24h	27 mg/l (aquatic invertebrates)
EC50/48h	23 mg/l (aquatic invertebrates)
EC50/72h	50 mg/l (aquatic algae and cyanobacteria)
NOEC (72h)	1.5 mg/l (aquatic algae and cyanobacteria)
NOEC (96h)	100 mg/l (aquatic invertebrates)
NOEC (48h)	8.3 mg/l (aquatic invertebrates)
NOEC (21d)	3 mg/l (aquatic invertebrates)
EC 10/18h	1,120 mg/l (microorganisms)

**CAS: 98-54-4 4-tert-butylphenol**

LC50/96h	1 mg/l (Fish)
EC50/48h	3.9 mg/l (Daphnia magna)
EC50/72h	14 mg/l (Selenastrum capricornutum (Green algae))
NOEC (72h)	0.32 mg/l (Algae)
NOEC (21d)	0.73 mg/l (Daphnia magna)

**12.2 Persistence and degradability** No further relevant information available.

**Method**

**CAS: 1477-55-0 m-phenylenebis(methylamine)**

Biod. (28 days) | 49 % (Biodegradation)

**CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine**

Biod. (28 days) | 8 %

**12.3 Bioaccumulative potential**

**CAS: 100-51-6 Benzyl alcohol**

EBAB | 1.05 log Pow (Bioaccumulation)

**CAS: 1477-55-0 m-phenylenebis(methylamine)**

EBAB | 0.18 log Pow

**CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine**

EBAB | 0.99 log Pow

**CAS: 98-54-4 4-tert-butylphenol**

EBAB | 3 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**

For information on endocrine disrupting properties see section 11.

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### 12.7 Other adverse effects

**Remark:**

The product contains substances which cause a local pH change and thus have a detrimental effect on fish and bacteria.

The product contains substances which are toxic to fishes and bacteria.

Toxic for fish

**Additional ecological information:**

**General notes:**

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

Danger to drinking water if even extremely small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

**Recommendation** Dispose of the product in accordance with national and local regulations.

European waste catalogue	
08 04 11*	adhesive and sealant sludges containing organic solvents or other hazardous substances
08 04 13*	aqueous sludges containing adhesives or sealants containing organic solvents or other hazardous substances
HP6	Acute Toxicity
HP8	Corrosive
HP10	Toxic for reproduction
HP13	Sensitising
HP14	Ecotoxic

**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

## SECTION 14: Transport information

<b>14.1 UN number or ID number</b> ADR, IMDG, IATA	UN2922
<b>14.2 UN proper shipping name</b> ADR	2922 CORROSIVE LIQUID, TOXIC, N.O.S. (m-phenylenebis(methylamine)), ISOPHORONEDIAMINE), ENVIRONMENTALLY HAZARDOUS

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**IMDG**

CORROSIVE LIQUID, TOXIC, N.O.S. (m-phenylenebis(methylamine), ISOPHORONEDIAMINE), MARINE POLLUTANT

**IATA**

CORROSIVE LIQUID, TOXIC, N.O.S. (m-phenylenebis(methylamine), ISOPHORONEDIAMINE)

**14.3 Transport hazard class(es)**

**ADR**



**Class  
Label**

8 (CT1) Corrosive substances.  
8+6.1

**IMDG**



**Class  
Label**

8 Corrosive substances.  
8/6.1

**IATA**



**Class  
Label**

8 Corrosive substances.  
8 (6.1)

**14.4 Packing group  
ADR, IMDG, IATA**

II

**14.5 Environmental hazards:**

Product contains environmentally hazardous substances: 4-tert-butylphenol

**Marine pollutant:**

Symbol (fish and tree)

**Special marking (ADR):**

Symbol (fish and tree)

**14.6 Special precautions for user**

Warning: Corrosive substances.

**Hazard identification number (Kemler code):**

86

**EMS Number:**

F-A,S-B

**Segregation groups**

(SGG18) Alkalis

**Stowage Category**

B

**Stowage Code**

SW2 Clear of living quarters.

**14.7 Maritime transport in bulk according to  
IMO instruments**

Not applicable.

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**Transport/Additional information:**

**ADR**

**Limited quantities (LQ)**

1L

**Excepted quantities (EQ)**

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

**Transport category**

2

**Tunnel restriction code**

E

**IMDG**

**Limited quantities (LQ)**

1L

**Excepted quantities (EQ)**

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

**UN "Model Regulation":**

UN 2922 CORROSIVE LIQUID, TOXIC, N.O.S. (M-PHENYLENEBIS(METHYLAMINE)), ISOPHORONEDIAMINE), 8 (6.1), II, ENVIRONMENTALLY HAZARDOUS

**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** E2 Hazardous to the Aquatic Environment

**Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t

**Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t

**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

**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.

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**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.

**National regulations**

**Other regulations, limitations and prohibitive regulations**

**Substances of Very High Concern (SVHC) according to REACH, Article 57:**

CAS: 98-54-4 | 4-tert-butylphenol

Substances of Very High Concern on the REACH Candidate List for Authorisation.

**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.

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.

- H302 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H361f Suspected of damaging fertility.
- H410 Very toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.
- EUH071 Corrosive to the respiratory tract.

**Classification according to Regulation (EC) No 1272/2008**

Acute toxicity - oral  
 Acute toxicity - inhalation  
 Skin corrosion/irritation  
 Serious eye damage/irritation  
 Skin sensitisation  
 Reproductive toxicity  
 Hazardous to the aquatic environment - long-term (chronic) aquatic hazard

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

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**Department issuing SDS:** Research and development**Contact:**

Necati Utku Erol

(Sertifika No:TÜV/01.336.07 - Validity date 31.12.2023)

Barış Yıldırım

(Sertifika No: TÜV/01.275.01 - Validity date 25.03.2024)

Sesil Genç

(Sertifika No: TÜV/01.311.11 – Validity date 04.11.2024)

**Abbreviations and acronyms:**

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

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern (REACH regulation)

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

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

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

Repr. 2: Reproductive toxicity – Category 2

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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