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

1.1. product identifiers

Identification of the substance or mixture WEBAC 4525P Comp. B
Epoxy Putty

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

Relevant identified uses

hardener/amine component for epoxy resin

1.3. Details of the supplier of the safety data sheet

supplier (manufacturer/importer/downstream user/distributor)

WEBAC-Chemie GmbH

Fahrenberg 22
22885 Barsbüttel / Hamburg
GERMANY

Telephone: +49 40 67057-0

Telefax: +49 40 6703227

Dept. responsible for information:

laboratory

E-mail

sdb@webac.de

1.4. Emergency telephone number

Giftinformationszentrum-Nord

+49 551 19240

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Skin Corr. 1B / H314

skin corrosion/irritation

Causes severe skin burns and eye damage.

Skin Sens. 1 / H317

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Repr. 2 / H361

Reproductive toxicity

Suspected of damaging fertility or the unborn child.

STOT RE 2 / H373

Specific target organ toxicity (repeated exposure)

May cause damage to organs through prolonged or repeated exposure.

Aquatic Chronic 3 / H412

Hazardous to the aquatic environment

Harmful to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Danger

Hazard statements

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H361 Suspected of damaging fertility or the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P314 Get medical advice/attention if you feel unwell.

contains:

3-aminomethyl-3,5,5-trimethylcyclohexylamine

2-piperazin-1-ylethylamine

Phenol, styrenated

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m-phenylenebis(methylamine)
3,6-diazaoctanethylenediamin

Supplemental Hazard information (EU)

not applicable

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Product description / chemical characterization

Description hardener/amine component for epoxy resin

Hazardous ingredients

Classification according to Regulation (EC) No 1272/2008 [CLP]

EC No. CAS No. INDEX No.	REACH No. Chemical name classification: // Remark	Wt %
220-666-8 2855-13-2 612-067-00-9	01-2119514687-32-xxxx 3-aminomethyl-3,5,5-trimethylcyclohexylamine Acute Tox. 4 H312 / Acute Tox. 4 H302 / Skin Corr. 1B H314 / Skin Sens. 1 H317 / Aquatic Chronic 3 H412	10 - 25
202-859-9 100-51-6 603-057-00-5	01-2119492630-38-xxxx benzyl alcohol Acute Tox. 4 H302 / Acute Tox. 4 H332 / Eye Irrit. 2 H319	10 - 25
262-975-0 61788-41-1	01-2119980970-27-xxxx Phenol, styrenated Skin Irrit. 2 H315 / Skin Sens. 1 H317 / Aquatic Chronic 2 H411	2,5 - 10
205-411-0 140-31-8 612-105-00-4	01-2119471486-30-xxxx 2-piperazin-1-ylethylamine Acute Tox. 4 H302 / Acute Tox. 3 H311 / Skin Corr. 1B H314 / Eye Dam. 1 H318 / Skin Sens. 1 H317 / Repr. 2 H361 / STOT RE 1 H372 / Aquatic Chronic 3 H412	2,5 - 10
618-561-0 9046-10-0	01-2119557899-12-xxxx Poly(oxypropylene)diamine Skin Corr. 1C H314 / Aquatic Chronic 3 H412	2,5 - 10
216-032-5 1477-55-0	01-2119480150-50-xxxx m-phenylenebis(methylamine) Acute Tox. 4 H302 / Acute Tox. 4 H332 / Skin Corr. 1B H314 / Skin Sens. 1B H317 / Aquatic Chronic 3 H412	2,5 - 10
203-950-6 112-24-3 612-059-00-5	3,6-diazaoctanethylenediamin Acute Tox. 4 H312 / Skin Corr. 1B H314 / Skin Sens. 1 H317 / Aquatic Chronic 3 H412	2,5 - 10
200-712-3 69-72-7	01-2119486984-17-xxxx salicylic acid Acute Tox. 4 H302 / Eye Dam. 1 H318	1 - 2,5

Additional information

Full text of classification: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice.

In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

In case of inhalation

Remove casualty to fresh air and keep warm and at rest.

In case of irregular breathing or respiratory arrest provide artificial respiration.

Following skin contact

Take off immediately all contaminated clothing.
After contact with skin, wash immediately with plenty of water and soap.
Do not use solvents or thinners.

After eye contact

Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
Seek medical advice immediately.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.
Keep victim calm.
Seek medical advice immediately.

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

In all cases of doubt, or when symptoms persist, seek medical advice.

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

No information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)

Extinguishing media which must not be used for safety reasons:

strong water jet

5.2. Special hazards arising from the substance or mixture

Dense black smoke occurs during fire.
Inhaling hazardous decomposing products can cause serious health damage.

5.3. Advice for firefighters

Provide a conveniently located respiratory protective device.
Cool closed containers that are near the source of the fire.
Do not allow water used to extinguish fire to enter drains, ground or waterways.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep away from sources of ignition.
Ventilate affected area.
Do not breathe vapours.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.
If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

6.3. Methods and material for containment and cleaning up

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13).

6.4. Reference to other sections

Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advices on safe handling

Avoid contact with skin, eyes and clothes.
Do not inhale dusts, particulates and spray mist when using this preparation.
When using do not eat, drink or smoke.
Wear personal protection equipment (refer to section 8).
Only use the material in places where open light, fire and other flammable sources can be kept away.
Always keep in containers that correspond to the material of the original container.
Follow the legal protection and safety regulations.

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Precautions against fire and explosion:

Vapours are heavier than air.

7.2. **Conditions for safe storage, including any incompatibilities**

Requirements for storage rooms and vessels

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO).

Keep container tightly closed. Do not empty containers with pressure - no pressure vessel!

Access only for authorised persons.

Smoking is forbidden.

Store carefully closed containers upright to prevent any leaks.

Hints on joint storage

Keep away from food, drink and animal feedingstuffs.

Further information on storage conditions

Take care of instructions on label.

Store in a well-ventilated and dry room at temperatures between 5 °C and 30 °C.

Protect from heat and direct sunlight.

7.3. **Specific end use(s)**

Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. **Control parameters**

Occupational exposure limit values:

not applicable

DNEL:

salicylic acid

EC No. 200-712-3 / CAS No. 69-72-7

DNEL long-term dermal (systemic), Workers: 2 mg/kg bw/day

DNEL long-term inhalative (systemic), Workers: 16 mg/m³

benzyl alcohol

INDEX No. 603-057-00-5 / EC No. 202-859-9 / CAS No. 100-51-6

DNEL acute dermal, short-term (systemic), Workers: 47 mg/kg bw/day

DNEL long-term dermal (systemic), Workers: 9,5 mg/kg bw/day

DNEL acute inhalative (systemic), Workers: 450 mg/m³

DNEL long-term inhalative (systemic), Workers: 90 mg/m³

2-piperazin-1-ylethylamine

INDEX No. 612-105-00-4 / EC No. 205-411-0 / CAS No. 140-31-8

DNEL acute dermal, short-term (local), Workers: 4 mg/dm²

DNEL acute dermal, short-term (systemic), Workers: 20 mg/kg

DNEL long-term dermal (local), Workers: 0,6 mg/dm²

DNEL long-term dermal (systemic), Workers: 3,33 mg/kg bw/day

DNEL acute inhalative (systemic), Workers: 21,4 mg/m³

DNEL long-term inhalative (systemic), Workers: 3,6 mg/m³

m-phenylenebis(methylamine)

EC No. 216-032-5 / CAS No. 1477-55-0

DNEL long-term dermal (systemic), Workers: 0,33 mg/kg

DNEL long-term inhalative (local), Workers: 0,2 mg/m³

DNEL long-term inhalative (systemic), Workers: 1,2 mg/m³

Phenol, styrenated

EC No. 262-975-0 / CAS No. 61788-41-1

DNEL long-term dermal (systemic), Workers: 2,92 mg/kg bw/day

DNEL long-term inhalative (systemic), Workers: 4,11 mg/m³

Poly(oxypropylene)diamine

EC No. 618-561-0 / CAS No. 9046-10-0

DNEL long-term dermal (local), Workers: 62,3 mg/dm²

DNEL long-term dermal (systemic), Workers: 2,5 mg/kg bw/day

PNEC:

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830

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salicylic acid

EC No. 200-712-3 / CAS No. 69-72-7
PNEC aquatic, freshwater: 0,2 mg/l
PNEC aquatic, marine water: 0,02 mg/l
PNEC aquatic, intermittent release: 1 mg/l
PNEC sediment, freshwater: 1,42 mg/kg
PNEC sediment, marine water: 0,142 mg/kg
PNEC, Soil: 0,166 mg/kg
PNEC sewage treatment plant (STP): 162 mg/l

benzyl alcohol

INDEX No. 603-057-00-5 / EC No. 202-859-9 / CAS No. 100-51-6
PNEC aquatic, freshwater: 1 mg/l
PNEC aquatic, marine water: 0,1 mg/l
PNEC aquatic, intermittent release: 2,3 mg/l
PNEC sediment, freshwater: 5,27 mg/kg
PNEC, Soil: 0,456 mg/kg
PNEC sewage treatment plant (STP): 39 mg/l

2-piperazin-1-ylethylamine

INDEX No. 612-105-00-4 / EC No. 205-411-0 / CAS No. 140-31-8
PNEC aquatic, freshwater: 0,058 mg/l
PNEC aquatic, marine water: 0,0058 mg/l
PNEC aquatic, intermittent release: 0,58 mg/l
PNEC sediment, freshwater: 215 mg/kg
PNEC sediment, marine water: 21,5 mg/kg
PNEC, Soil: 42,9 mg/kg
PNEC sewage treatment plant (STP): 250 mg/l

m-phenylenebis(methylamine)

EC No. 216-032-5 / CAS No. 1477-55-0
PNEC aquatic, freshwater: 0,094 mg/l
PNEC aquatic, marine water: 0,0094 mg/l
PNEC aquatic, intermittent release: 0,152 mg/l
PNEC sediment, freshwater: 0,43 mg/kg
PNEC sediment, marine water: 0,043 mg/kg
PNEC, Soil: 0,045 mg/kg
PNEC sewage treatment plant (STP): 10 mg/l

3-aminomethyl-3,5,5-trimethylcyclohexylamine

INDEX No. 612-067-00-9 / EC No. 220-666-8 / CAS No. 2855-13-2
PNEC aquatic, freshwater: 0,06 mg/l
PNEC aquatic, marine water: 0,006 mg/l
PNEC aquatic, intermittent release: 0,23 mg/l
PNEC sediment, freshwater: 5,784 mg/kg
PNEC sediment, marine water: 0,578 mg/kg
PNEC, Soil: 1,121 mg/kg
PNEC sewage treatment plant (STP): 3,18 mg/l

Phenol, styrenated

EC No. 262-975-0 / CAS No. 61788-41-1
PNEC aquatic, freshwater: $11,5 \times 10^{-3}$ mg/l
PNEC aquatic, marine water: $1,15 \times 10^{-3}$ mg/l
PNEC aquatic, intermittent release: $13,5 \times 10^{-3}$ mg/l
PNEC sediment, freshwater: 1,564 mg/kg
PNEC sediment, marine water: 0,1564 mg/kg
PNEC, Soil: 0,3052 mg/kg
PNEC sewage treatment plant (STP): 10 mg/l

Poly(oxypropylene)diamine

EC No. 618-561-0 / CAS No. 9046-10-0
PNEC aquatic, freshwater: 0,015 mg/l
PNEC aquatic, marine water: 0,0142 mg/l
PNEC aquatic, intermittent release: 0,15 mg/l
PNEC sediment, freshwater: 0,132 mg/kg
PNEC sediment, marine water: 0,125 mg/kg

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PNEC, Soil: 0,0176 mg/kg
PNEC sewage treatment plant (STP): 7,5 mg/l
PNEC Secondary Poisoning: 6,93 mg/kg

8.2. Exposure controls

Provide good ventilation. This can be achieved with local or room suction.
When spraying, wear self-contained breathing apparatus.

Occupational exposure controls

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Hand protection

For prolonged or repeated handling the following glove material must be used: nitrile rubber or butyl rubber
Thickness of the glove material > 0,4 mm ; Breakthrough time (maximum wearing time) > 480 min.
Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles DIN EN 374
Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

Eye protection

Wear closely fitting protective glasses in case of splashes.

Protective clothing

Wear suitable protective clothing.

Protective measures

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

Environmental exposure controls

Do not allow to enter into surface water or drains.

No special measures are necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:

Physical state: Paste
Colour: Observe technical data sheet.

Odour: like amine

Odour threshold: not applicable

pH at 20 °C: not applicable

Melting point/freezing point: not applicable

Initial boiling point and boiling range: not determined

Flash point: > 101 °C
Method: DIN 53213

Evaporation rate: not applicable

Flammability (solid, gas):

Upper/lower flammability or explosive limits:

Lower explosion limit: not determined

Upper explosion limit: not determined

Vapour pressure at 20 °C: 0,0778 mbar
Method: calculated

Vapour density: not applicable

Relative density:
Density at 20 °C: 1,16 g/cm³
Method: calculated

Solubility(ies):

Water solubility (g/L) at 20 °C: insoluble

Partition coefficient: n-octanol/water: not determined

Auto-ignition temperature: not determined

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Decomposition temperature: not applicable
Viscosity at 40 °C: > 20,5 mm²/s

Explosive properties: not applicable
Oxidising properties: not applicable

9.2. **Other information**

solvent content:
Organic solvents: 0 Wt %

SECTION 10: Stability and reactivity

10.1. **Reactivity**

No information available.

10.2. **Chemical stability**

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7.

10.3. **Possibility of hazardous reactions**

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

10.4. **Conditions to avoid**

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7.

10.5. **Incompatible materials**

No information available.

10.6. **Hazardous decomposition products**

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

SECTION 11: Toxicological information

Classification according to Regulation (EC) No 1272/2008 [CLP]

No data on preparation itself available.

11.1. **Information on toxicological effects**

Acute toxicity

salicylic acid

oral, LD50, Rat: 891 mg/kg

dermal, LD50, Rat: > 2000 mg/kg

benzyl alcohol

oral, LD50, Rat: 1230 mg/kg

dermal, LD50, Rabbit: 2000 mg/kg

inhalative (dust and mist), LC50, Rat: > 4,178 mg/l (4 h)

3,6-diazaoctanethylenediamin

oral, LD50, Rat: 1716 mg/kg

dermal, LD50, Rat: 1465 mg/kg

dermal, LD50, Rabbit: 550 mg/kg

oral, LD50, Mouse: 1600 mg/kg

oral, LD50, Rabbit: 5500 mg/kg

2-piperazin-1-ylethylamine

oral, LD50, Rat: 2000 mg/kg

dermal, LD50, Rabbit: 866 mg/kg

Method: literature value

m-phenylenebis(methylamine)

oral, LD50, Rat: 930 mg/kg

dermal, LD50, Rabbit: 3100 mg/kg

3-aminomethyl-3,5,5-trimethylcyclohexylamine

oral, LD50, Rat: 1030 mg/kg

dermal, LD50, Rabbit: 1840 mg/kg

Phenol, styrenated

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oral, LD50, Rat: > 2000 mg/kg
dermal, LD50, Rat: > 2000 mg/kg

Poly(oxypropylene)diamine
oral, LD50, Rat: 2885 mg/kg
dermal, LD50, Rabbit: 2090 mg/kg

skin corrosion/irritation; Serious eye damage/eye irritation

2-piperazin-1-ylethylamine
Skin (4 h)

Respiratory or skin sensitisation

2-piperazin-1-ylethylamine
Skin: ; evaluation May cause sensitization by skin contact.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Toxicological data are not available.

Specific target organ toxicity

Toxicological data are not available.

Aspiration hazard

Toxicological data are not available.

Practical experience/human evidence

Causes severe skin burns and eye damage.
May cause an allergic skin reaction.

Overall Assessment on CMR properties

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

Remark

There is no information available on the preparation itself .

SECTION 12: Ecological information

overall evaluation

Classification according to Regulation (EC) No 1272/2008 [CLP]

There is no information available on the preparation itself .

Do not allow to enter into surface water or drains.

12.1. Toxicity

salicylic acid

Daphnia toxicity, EC50: 870 mg/l (48 h)
literature value

benzyl alcohol

Fish toxicity, LC50: 460 mg/l (96 h)
Daphnia toxicity, EC50, Daphnia magna (Big water flea): 230 mg/l (48 h)
Algae toxicity, ErC50, Pseudokirchneriella subcapitata: 770 mg/l (72 h)

2-piperazin-1-ylethylamine

Fish toxicity, LC50, Poecilia reticulata (Guppy): 368 mg/l (96 h)
Daphnia toxicity, EC50, Daphnia magna (Big water flea): 58 mg/l (48 h)
Algae toxicity, ErC50, Pseudokirchneriella subcapitata: > 1000 mg/l (72 h)

m-phenylenebis(methylamine)

Fish toxicity, LC50, Oncorhynchus mykiss (Rainbow trout): > 100 mg/l (96 h)
Daphnia toxicity, EC50, Daphnia magna (Big water flea): 16 mg/l (48 h)
Algae toxicity, ErC50, Scenedesmus subspicatus: 12 mg/l (72 h)
Fish toxicity, LC50, Brachydanio rerio (zebra-fish): > 100 mg/l (96 h)

3-aminomethyl-3,5,5-trimethylcyclohexylamine

Fish toxicity, LC50, Brachydanio rerio (zebra-fish): 110 mg/l (96 h)
Daphnia toxicity, EC50, Daphnia magna (Big water flea): 23 mg/l (48 h)
Method: OECD 202
Algae toxicity, ErC50, Scenedesmus subspicatus: 37 mg/l (72 h)
Method: 88/302/EWG, annex V; C.8
Bacteria toxicity, EC10, Pseudomonas putida: 1120 mg/l (18 h)

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Method: literature value

Poly(oxypropylene)diamine

Fish toxicity, LC50, *Leuciscus idus* (golden orfe): > 15 mg/l (96 h)

Algae toxicity, ErC50, *Pseudokirchneriella subcapitata*: 15 mg/l (72 h)

Bacteria toxicity, NOEC, *Oncorhynchus mykiss* (Rainbow trout): 15 mg/l (96 h)

Long-term Ecotoxicity

benzyl alcohol

Algae toxicity, NOEC, *Pseudokirchneriella subcapitata*: 310 mg/l (72 h)

m-phenylenebis(methylamine)

Algae toxicity, ErC50, *Scenedesmus subspicatus*: 12 mg/l (72 h)

12.2. Persistence and degradability

2-piperazin-1-ylethylamine

:

Not readily biodegradable (according to OECD criteria)

12.3. Bioaccumulative potential

Toxicological data are not available.

Bioconcentration factor (BCF)

Toxicological data are not available.

12.4. Mobility in soil

Toxicological data are not available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate disposal / Product Recommendation

Do not allow to enter into surface water or drains.

This material and its container must be disposed of in a safe way.

Dispose of waste according to applicable legislation.

List of proposed waste codes/waste designations in accordance with EWC

070208 other still bottoms and reaction residues

packaging

Recommendation

Non-contaminated packages may be recycled.

Vessels not properly emptied are special waste.

SECTION 14: Transport information

14.1. UN number

UN 2735

14.2. UN proper shipping name

Land transport (ADR/RID):

Amines, liquid, corrosive, n.o.s.
(ISOPHORONEDIAMINE)

Sea transport (IMDG):

AMINES, LIQUID, CORROSIVE, N.O.S.
(ISOPHORONEDIAMINE)

Air transport (ICAO-TI / IATA-DGR):

Amines, liquid, corrosive, n.o.s.
(ISOPHORONEDIAMINE)

14.3. Transport hazard class(es)

8

14.4. Packing group

III

14.5. Environmental hazards

Land transport (ADR/RID)

not applicable

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Marine pollutant not applicable

14.6. Special precautions for user

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

Further information

Land transport (ADR/RID)

tunnel restriction code E

Sea transport (IMDG)

EmS-No. F-A, S-B

Air transport (ICAO-TI / IATA-DGR)

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

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

EU legislation

Directive 2010/75/EU on industrial emissions

VOC-value (in g/L): 308,000

National regulations

Restrictions of occupation

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this preparation were not carried out.

SECTION 16: Other information

Full text of classification in section 3:

Acute Tox. 4 / H312	Acute toxicity (dermal)	Harmful in contact with skin.
Acute Tox. 4 / H302	Acute toxicity (oral)	Harmful if swallowed.
Skin Corr. 1B / H314	skin corrosion/irritation	Causes severe skin burns and eye damage.
Skin Sens. 1 / H317	Respiratory or skin sensitisation	May cause an allergic skin reaction.
Aquatic Chronic 3 / H412	Hazardous to the aquatic environment	Harmful to aquatic life with long lasting effects.
Acute Tox. 4 / H332	Acute toxicity (inhalative)	Harmful if inhaled.
Eye Irrit. 2 / H319	Serious eye damage/eye irritation	Causes serious eye irritation.
Skin Irrit. 2 / H315	skin corrosion/irritation	Causes skin irritation.
Aquatic Chronic 2 / H411	Hazardous to the aquatic environment	Toxic to aquatic life with long lasting effects.
Acute Tox. 3 / H311	Acute toxicity (dermal)	Toxic in contact with skin.
Eye Dam. 1 / H318	Serious eye damage/eye irritation	Causes serious eye damage.
Repr. 2 / H361	Reproductive toxicity	Suspected of damaging fertility or the unborn child (state specific effect if known) (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
STOT RE 1 / H372	Specific target organ toxicity (repeated exposure)	Causes damage to organs (or state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
Skin Corr. 1C / H314	skin corrosion/irritation	Causes severe skin burns and eye damage.
Skin Sens. 1B / H317	Respiratory or skin sensitisation	May cause an allergic skin reaction.

Abbreviations and acronyms

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment,

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830

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Print date: 01.08.2017
Version: 5

WEBAC 4525P Comp. B
Revision date: 01.08.2017
Issue date: 01.08.2017

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chapter R.20 (Table of terms and abbreviations).

Further information

Classification according to Regulation (EC) No 1272/2008 [CLP]

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.