

Trade Name: EUCOCOL EP WS - B
Version: 1
Revision Date: 07.09.2020

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

1.1. Product identifier

EUCOCOL EP WS - B

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

Use of the substance/mixture

The product is intended for professional use. Building and construction work.

Uses advised against

No identified use(s).

1.3. Details of the supplier of the safety data sheet

EUCCHEM BV
ESPERANTOLAAN 13/7
B-3300 TIENEN
BELGIUM
Tel.: +32.16.81.11.52
E-Mail: office@eucochem.com

1.4. Emergency telephone number

+32 70 245 245

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture:

Classification of the substance or mixture in accordance with regulation (EU) 1272/2008:
H314 Skin Corr. 1B H317 Skin Sens. 1 H411 Aquatic Chronic 2

2.2 Label elements:

Pictograms:



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Signal word: Danger

Hazard statements:

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

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

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

Precautionary statements:

P272: Contaminated work clothing should not be allowed out of the workplace.

P280: Wear protective gloves, protective clothing, eye protection, face protection.

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

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

Contains:

Fatty acids, tall-oil, reaction products with triethylenetetramine Isophoronediamine m-phenylenebis(methylamine)

2.3 Other hazards:

None

SECTION 3: Composition / information on ingredients

Benzyl alcohol	≤ 20 %	CAS number: EINECS: REACH Registration number: CLP Classification:	100-51-6 202-859-9 01-2119492630-38 H302 Acute tox. 4 H319 Eye Irrit. 2 H332 Acute tox. 4
Fatty acids, tall-oil, reaction products with triethylenetetramine	≤ 20 %	CAS number: EINECS: REACH Registration number: CLP Classification:	68919-79-9 272-905-0 01-2120104080-81 H314 Skin Corr. 1B H317 Skin Sens. 1 H400 Aquatic Acute 1 H410 Aquatic Chronic 1
Isophoronediamine	≤ 4 %	CAS number: EINECS: REACH Registration number: CLP Classification:	2855-13-2 220-666-8 01-2119514687-32 H302+H312 Acute tox. 4 H314 Skin Corr. 1B H317 Skin Sens. 1 H412 Aquatic Chronic 3
m-phenylenebis(methylamine)	≤ 4 %	CAS number: EINECS: REACH Registration number: CLP Classification:	1477-55-0 216-032-5 01-2119480150-50 H302 Acute tox. 4 H314 Skin Corr. 1B H317 Skin Sens. 1 H332 Acute tox. 4 H412 Aquatic Chronic 3

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3-aminopropyldimethylamine	≤ 2 %	CAS number:	109-55-7
		EINECS:	203-680-9
		REACH Registration number:	01-2119486842-27
		CLP Classification:	H226 Flam. Liq. 3 H302 Acute tox. 4 H312 Acute tox. 4 H314 Skin Corr. 1B H317 Skin Sens. 1 H318 Eye Dam. 1

For the full text of the H phrases mentioned in this section, see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures:

Always ask medical advice as soon as possible should serious or continuous disturbances occur.

Skin contact: Remove contaminated clothing, rinse skin with plenty of water and immediately transport to hospital.

Eye contact: Thoroughly rinse with water (contact lenses to be removed if this is easily done) Then take to physician.

Ingestion: Rinse mouth, do not induce vomiting, take to hospital immediately.

Inhalation: Let sit upright, fresh air, rest and take to hospital.

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

Skin contact: Caustic, redness, pain, serious burns

Eye contact: Caustic, redness, blurred vision, pain

Ingestion: Caustic, lack of breath, vomiting, blisters on lips and tongue, burning pain in mouth and throat, gullet and stomach

Inhalation: Headache, dizziness, nausea, drowsiness, unconsciousness

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

None

SECTION 5: Firefighting measures

5.1 Extinguishing media:

CO₂, foam, powder, sprayed water

5.2 Special hazards arising from the substance or mixture:

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None

5.3 Advice for firefighters:

Extinguishing agents to be avoided: None

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Do not walk into or touch spilled substances and avoid inhalation of fumes, smoke, dusts and vapours by staying up wind.

Remove any contaminated clothing and used contaminated protective equipment and dispose of it safely.

6.2 Environmental precautions:

Do not allow to flow into sewers or open water.

6.3 Methods and material for containment and cleaning up:

Contain released substance, store into suitable containers. If possible, remove by using absorbent material.

6.4 Reference to other sections:

For further information, check sections 8 & 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling:

Handle with care to avoid spillage.

7.2 Conditions for safe storage, including any incompatibilities:

Keep in a sealed container in a closed, frost-free, ventilated room.

7.3 Specific end use(s): /





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SECTION 8: Exposure controls / personal protection

8.1 Control parameters:

Listing of the hazardous ingredients in section 3, of which the TLV value is known /

8.2 Exposure controls:

Inhalation protection:	Use with sufficient exhaust ventilation. If necessary, use an air-purifying face mask in case of respiratory hazards. Use the ABEK type as protection against these troublesome levels.	
Skin protection:	Handling with nitril-gloves (EN 374). Breakthrough time: >480' Material thickness: 0,35 mm. Thoroughly check gloves before use. Take of the gloves properly without touching the outside with your bare hands. The manufacturer of the protective gloves has to be consulted about the suitability for a specific work station. Wash and dry your hands.	
Eye protection:	Keep an eye-rinse bottle within reach. Tight-fitting safety goggles. Wear a face shield and protective suit in case of exceptional processing problems.	
Other protection:	Wear impermeable clothing. The type of protective equipment depends on the concentration and amount of hazardous substances at the work station in question.	

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Melting point/melting range: /
Boiling point/Boiling range: 205 °C — 272 °C
pH: /
pH 1% diluted in water: /
Vapour pressure/20°C,: /
Vapour density: Not applicable
Relative density, 20°C: /
Appearance/20°C: Liquid
Flash point: /
Flammability (solid, gas): Not applicable
Auto-ignition temperature: /
Upper flammability or explosive limit, (Vol %): /
Lower flammability or explosive limit, (Vol %): /
Explosive properties: Not applicable
Oxidising properties: Not applicable
Decomposition temperature: /
Solubility in water: Not soluble

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Partition coefficient: octanol/water: Not applicable

Odour: characteristic

Odour threshold: Not applicable

Dynamic viscosity, 20°C: /

Kinematic viscosity, 40°C: /

Evaporation rate (n-BuAc = 1): 0.010

9.2 Other information:

Volatile organic component (VOC): 16.08 %

Volatile organic component (VOC): /

Sustained combustion test : /

SECTION 10: Stability and reactivity

10.1 Reactivity:

Stable under normal conditions.

10.2 Chemical stability:

Extremely high or low temperatures.

10.3 Possibility of hazardous reactions:

None

10.4 Conditions to avoid:

Protect from sunlight and do not expose to temperatures exceeding + 50°C.

10.5 Incompatible materials:

Acids, alkalines, oxidants, reductants

10.6 Hazardous decomposition products:

Under recommended usage conditions, hazardous decomposition products are not expected.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects:

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

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

Calculated acute toxicity, ATE oral: /

Calculated acute toxicity, ATE dermal: /

Benzyl alcohol	LD50 oral, rat: 1 620 mg/kg LD50 dermal, rabbit: ≥ 5 000 mg/kg LC50, Inhalation, rat, 4h: 11 mg/l
Fatty acids, tall-oil, reaction products with triethylenetetramine	LD50 oral, rat: ≥ 5 000 mg/kg LD50 dermal, rabbit: ≥ 5 000 mg/kg LC50, Inhalation, rat, 4h: ≥ 50 mg/l
Isophoronediamine	LD50 oral, rat: 1 030 mg/kg LD50 dermal, rabbit: 1 100 mg/kg LC50, Inhalation, rat, 4h: ≥ 50 mg/l
m-phenylenebis(methylamine)	LD50 oral, rat: 1 180 mg/kg LD50 dermal, rabbit: 3 100 mg/kg LC50, Inhalation, rat, 4h: 11 mg/l
3-aminopropyldimethylamine	LD50 oral, rat: 500 mg/kg LD50 dermal, rabbit: 1 100 mg/kg LC50, Inhalation, rat, 4h: ≥ 50 mg/l

SECTION 12: Ecological information

12.1 Toxicity:

Benzyl alcohol	LC50 (Fish): 460 mg/L (72h) EC50 (Daphnia): 230 mg/L (48h) NOEC (Daphnia): 310 mg/L (72h) EC50 (Algae): 770 mg/L (72h)
Fatty acids, tall-oil, reaction products with triethylenetetramine	EC50 (Daphnia): 31 mg/L (48h) NOEC (Daphnia): 18 mg/L (48h)
Isophoronediamine	EC50 (Algae): 12 mg/L (Scenedesmus)(72h)
m-phenylenebis(methylamine)	LC50 (Fish): 87.6 mg/L (96h) EC50 (Daphnia): 87.6 mg/L (96h) EC50 (Algae): 20.3 mg/L (72h) EC50 (soil microorganisms): > 1000 mg/L (30min)

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3-aminopropyldimethylamine	LC50 (Fish):	122 mg/L (96h)
	NOEC (Fish):	>= 10 mg/L (96h)
	EC50 (Daphnia):	59,46 mg/L (48h)
	EC50 (Algae):	56,2 mg/L (72h)
	EC50 (soil microorganisms):	94,5 mg/L (17h)

12.2 Persistence and degradability:

No additional data available

12.3 Bioaccumulative potential:

No additional data available

12.4 Mobility in soil:

Water hazard class, WGK (AwSV): 3
Solubility in water: Not soluble

12.5 Results of PBT and vPvB assessment:

No additional data available

12.6 Other adverse effects:

No additional data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods:

Draining into the sewers is not permitted. Removal should be carried out by licensed services.
Possible restrictive regulations by local authority should always be adhered to.

SECTION 14: Transport information

14.1 UN number:

2735

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14.2 UN proper shipping name:

UN 2735 Amines, liquid, corrosive, n.o.s. (mixture with Isophoronediamine; m-phenylenebis(methylamine)), 8, II, (E)

14.3 Transport hazard class(es):

Class(es): 8
Identification number of the hazard: 80

14.4 Packing group:

II

14.5 Environmental hazards:

Environmentally hazardous

14.6 Special precautions for user:

Hazard characteristics: Risk of burns. Risk to the aquatic environment and the sewerage system.

Additional guidance:



SECTION 15: Regulatory information

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

Water hazard class, WGK (AwSV): 3
Volatile organic component (VOC): 16.081 %

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Volatile organic component (VOC): /
Composition by regulation (EC) 648/2004: None

15.2 Chemical Safety Assessment:

No data available

SECTION 16: Other information

Legend to abbreviations used in the safety data sheet:

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE: Acute Toxicity Estimate
BCF: Bioconcentration factor
CAS: Chemical Abstracts Service
CLP: Classification, Labelling and Packaging of chemicals
EINECS: European INventory of Existing commercial Chemical Substances
LC50: median Lethal Concentration for 50% of subjects
LD50: median Lethal Dose for 50% of subjects
Nr.: Number
PTB: Persistent, Toxic, Bioaccumulative
TLV: Threshold Limit Value
vPvB: very Persistent and very Bioaccumulative substances
WGK: Water hazard class
WGK 1: Slightly hazardous for water
WGK 2: Hazardous for water
WGK 3: Extremely hazardous for water

Legend to the H Phrases used in the safety data sheet:

H226 Flam. Liq. 3: Flammable liquid and vapour.
H302 Acute tox. 4: Harmful if swallowed.
H302+H312 Acute tox. 4: Harmful if swallowed or in contact with skin.
H312 Acute tox. 4: Harmful in contact with skin.
H314 Skin Corr. 1B: Causes severe skin burns and eye damage.
H317 Skin Sens. 1: May cause an allergic skin reaction.
H318 Eye Dam. 1: Causes serious eye damage.
H319 Eye Irrit. 2: Causes serious eye irritation.
H332 Acute tox. 4: Harmful if inhaled.
H400 Aquatic Acute 1: Very toxic to aquatic life.
H410 Aquatic Chronic 1: Very toxic to aquatic life with long lasting effects.
H411 Aquatic Chronic 2: Toxic to aquatic life with long lasting effects.
H412 Aquatic Chronic 3: Harmful to aquatic life with long lasting effects.
CLP Calculation method: Calculation method
Reason of revision, changes of following items: Not applicable

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This safety information sheet has been compiled in accordance with annex II/A of the regulation (EU) No 2015/830. Classification has been calculated in accordance with European regulation 1272/2008 with their respective amendments. It has been compiled with the utmost care. We cannot, however, accept responsibility for damage, of any kind, that may be caused by using these data or the product concerned. To use this preparation for an experiment or a new application, the user must carry out a material suitability and safety study himself.