

Trade name: WIDOPOX Component B

Current version : 5.0.0, issued: 13.09.2024

Replaced version: 4.2.1, issued: 09.07.2021

Region: GB

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

1.1 Product identifier

Trade name

WIDOPOX Component B

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

Relevant identified uses of the substance or mixture

General chemical processes

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

Widopan Produkte GmbH

Ostereichen 3

D-21714 Hammah

Telephone no. +49 (0) 4144 69821-0

Fax no. +49 (0) 4144 69821-20

Information provided by / telephone

+49 (0) 4144 69821-0

Advice on Safety Data Sheet

sdb_info@umco.de

Details of the importer

Address

Widopan Limited

System House

Horndon Industrial Park

24 Station Rd

West Horndon

Brentwood

CM13 3XL

1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Acute Tox. 4; H302

Aquatic Chronic 2; H411

Eye Dam. 1; H318

Repr. 2; H361fd

Skin Corr. 1B; H314

Skin Sens. 1; H317

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

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2.2 Label elements

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

Hazard pictograms



GHS05



GHS07



GHS08



GHS09

Signal word

Danger

Hazardous component(s) to be indicated on label:

m-phenylenebis(methylamine)
 3-aminomethyl-3,5,5-trimethylcyclohexylamine
 4-tert-butylphenol
 trimethylhexamethylenediamine, mixed isomers
 2-methylpentane-1,5-diamine

Hazard statement(s)

H302 Harmful if swallowed.
 H314 Causes severe skin burns and eye damage.
 H317 May cause an allergic skin reaction.
 H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.
 H411 Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 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.
 P391 Collect spillage.
 P501 Dispose of contents/container to a facility in accordance with local and national regulations.

2.3 Other hazards

No data available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Chemical characterization

Polyamine preparation

Hazardous ingredients

No	Substance name		Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration	%
1	m-phenylenebis(methylamine)			

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	1477-55-0 216-032-5 - 01-2119480150-50	Acute Tox. 4; H332 Acute Tox. 4; H302 Aquatic Chronic 3; H412 Skin Corr. 1B; H314 Eye Dam. 1; H318 Skin Sens. 1B; H317 EUH071	>= 10.00 - < 25.00	wt%
2	3-aminomethyl-3,5,5-trimethylcyclohexylamine			
	2855-13-2 220-666-8 612-067-00-9 01-2119514687-32	Acute Tox. 4; H302 Acute Tox. 4; H312 Aquatic Chronic 3; H412 Skin Corr. 1B; H314 Skin Sens. 1; H317	>= 10.00 - < 25.00	wt%
3	benzyl alcohol			
	100-51-6 202-859-9 603-057-00-5 01-2119492630-38	Acute Tox. 4; H302 Acute Tox. 4; H332 Eye Irrit. 2; H319	>= 10.00 - < 25.00	wt%
4	4-tert-butylphenol			
	98-54-4 202-679-0 604-090-00-8 -	Aquatic Chronic 1; H410 Eye Dam. 1; H318 Repr. 2; H361f Skin Irrit. 2; H315	>= 10.00 - < 25.00	wt%
5	trimethylhexamethylenediamine, mixed isomers			
	25620-58-0 247-134-8 - -	Acute Tox. 4; H302 Aquatic Chronic 3; H412 Skin Corr. 1B; H314 Skin Sens. 1; H317	>= 5.00 - < 10.00	wt%
6	2-methylpentane-1,5-diamine			
	15520-10-2 239-556-6 - 01-2119976310-41	Acute Tox. 4; H302 Acute Tox. 4; H312 Acute Tox. 4; H332 Skin Corr. 1A; H314 Eye Dam. 1; H318 STOT SE 3; H335	< 5.00	wt%

Full Text for all H-phrases and EUH-phrases: pls. see section 16

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
4	-	-	-	M = 1

Acute toxicity estimate (ATE) values

No	oral	dermal	inhalative
2	1030 mg/kg bodyweight		
3	1620 mg/kg bodyweight		
6	1690 mg/kg bodyweight		

SECTION 4: First aid measures**4.1 Description of first aid measures****General information**

In case of accident or if you feel unwell, seek medical advice immediately. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing.

After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air. Irregular breathing/no breathing: artificial respiration. Call a doctor immediately.

After skin contact

Wash off immediately with soap and water. Seek medical attention.

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Separate eyelids, wash the eyes thoroughly with water (15 min.). Seek medical assistance.

After ingestion

Do not induce vomiting. Rinse out mouth and give plenty of water to drink. Call a doctor immediately. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing media**

Foam; Extinguishing powder; Water spray jet; Carbon dioxide

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO₂); Carbon monoxide (CO); Nitrogen oxides (NO_x)

5.3 Advice for firefighters

Use self-contained breathing apparatus. Run-off water from fire fighting must not be discharged into drains or enter surface water. Wear protective clothing.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Refer to protective measures listed in sections 7 and 8. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Keep away from ignition sources.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). When collected, handle material as described under the section heading "Disposal considerations".

6.4 Reference to other sections

No data available.

SECTION 7: Handling and storage**7.1 Precautions for safe handling****Advice on safe handling**

Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances.

General protective and hygiene measures

At work do not eat, drink, smoke or take drugs. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Wash hands before breaks and after work. Provide eye wash fountain in work area. Have emergency shower available. Do not inhale vapours. Use barrier skin cream.

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Advice on protection against fire and explosion

Keep away from sources of heat and ignition.

7.2 Conditions for safe storage, including any incompatibilities**Technical measures and storage conditions**

Keep container tightly closed in a cool, well-ventilated place. Protect from heat and direct sunlight. Keep from freezing. Protect from atmospheric moisture and water.

Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original. Emptied containers may contain product residues and therefore must be handled with care.

Reuse only after appropriate cleaning.

Incompatible products

Do not store together with: oxidizing agents; Do not store together with foodstuffs.

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****DNEL, DMEL and PNEC values****DNEL values (worker)**

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	m-phenylenebis(methylamine)			1477-55-0 216-032-5	
	dermal	Long term (chronic)	systemic	0.33	mg/kg
	inhalative	Long term (chronic)	systemic	1.2	mg/m ³
	inhalative	Long term (chronic)	local	0.2	mg/m ³
2	3-aminomethyl-3,5,5-trimethylcyclohexylamine			2855-13-2 220-666-8	
	inhalative	Long term (chronic)	local	0.073	mg/m ³
	inhalative	Short term (acut)	local	0.073	mg/m ³
3	benzyl alcohol			100-51-6 202-859-9	
	dermal	Long term (chronic)	systemic	8	mg/kg/day
	dermal	Short term (acut)	systemic	40	mg/kg/day
	inhalative	Long term (chronic)	systemic	22	mg/m ³
	inhalative	Short term (acut)	systemic	110	mg/m ³
4	2-methylpentane-1,5-diamine			15520-10-2 239-556-6	
	dermal	Long term (chronic)	systemic	1.5	mg/kg
	inhalative	Long term (chronic)	local	0.25	mg/m ³
	inhalative	Short term (acut)	local	0.5	mg/m ³

DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	3-aminomethyl-3,5,5-trimethylcyclohexylamine			2855-13-2 220-666-8	
	oral	Long term (chronic)	systemic	0.3	mg/kg bw/day
	oral	Short term (acut)	systemic	0.3	mg/kg bw/day
2	benzyl alcohol			100-51-6 202-859-9	
	oral	Long term (chronic)	systemic	4	mg/kg/day

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	oral	Short term (acut)	systemic	20	mg/kg/day
	dermal	Long term (chronic)	systemic	4	mg/kg/day
	dermal	Long term (chronic)	systemic	20	mg/kg/day
	inhalative	Long term (chronic)	systemic	5.4	mg/m ³
	inhalative	Short term (acut)	systemic	27	mg/m ³
3	2-methylpentane-1,5-diamine			15520-10-2 239-556-6	
	oral	Long term (chronic)	systemic	0.25	mg/kg bw/day
	dermal	Long term (chronic)	systemic	0.75	mg/kg
	inhalative	Long term (chronic)	local	0.125	mg/m ³
	inhalative	Short term (acut)	local	0.25	mg/m ³

PNEC values

No	Substance name	CAS / EC no	
	ecological compartment	Type	Value
1	m-phenylenebis(methylamine)		1477-55-0 216-032-5
	water	fresh water	0.094 mg/L
	water	marine water	0.0094 mg/L
	water	fresh water sediment	12.4 mg/kg
	with reference to: dry mass		
	water	marine water sediment	1.24 mg/kg
	with reference to: dry mass		
	soil	-	2.44 mg/kg
	with reference to: dry mass		
	sewage treatment plant	-	10 mg/L
2	3-aminomethyl-3,5,5-trimethylcyclohexylamine		2855-13-2 220-666-8
	water	fresh water	0.06 mg/L
	water	marine water	0.006 mg/L
	water	fresh water sediment	5.784 mg/kg dry weight
	water	marine water sediment	0.578 mg/kg dry weight
	soil	-	1.121 mg/kg dry weight
	sewage treatment plant	-	3.18 mg/L
3	benzyl alcohol		100-51-6 202-859-9
	water	fresh water	1 mg/L
	water	marine water	0.1 mg/L
	water	fresh water sediment	5.27 mg/kg
	with reference to: dry weight		
	water	marine water sediment	0.527 mg/kg
	with reference to: dry weight		
	soil	-	0.456 mg/kg
	with reference to: dry weight		
	sewage treatment plant	-	39 mg/L
4	2-methylpentane-1,5-diamine		15520-10-2 239-556-6
	water	fresh water	0.42 mg/L
	water	marine water	0.042 mg/L
	water	Aqua intermittent	0.42 mg/L
	water	fresh water sediment	7.58 mg/kg
	water	marine water sediment	0.758 mg/kg
	soil	-	1.27 mg/kg
	sewage treatment plant	-	1.25 g/kg

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8.2 Exposure controls**Appropriate engineering controls**

No data available.

Personal protective equipment**Respiratory protection**

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Eye / face protection

Safety glasses with side protection shield (EN 166); Face shield

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material NBR
 Appropriate Material butyl rubber

Other

Normal chemical work clothing.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties****State of aggregation**

liquid

Form

liquid

Colour

transparent

Odour

amine-like

pH value

reason for missing pH substance/mixture is non-soluble (in water)

Boiling point / boiling range

No data available

Melting point/freezing point

No data available

Decomposition temperature

No data available

Flash point

Value > 83 °C

Ignition temperature

Value ~ 380 °C

Flammability

No data available

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Lower explosion limit			
No data available			
Upper explosion limit			
No data available			
Vapour pressure			
No data available			
Relative vapour density			
No data available			
Relative density			
No data available			
Density			
Value	~	1.1	g/cm ³
Reference temperature		23	°C
Solubility			
No data available			
Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
	log Pow		0.99
	Reference temperature		23 °C
	with reference to	pH 6.34	
	Source	ECHA	
2	benzyl alcohol	100-51-6	202-859-9
	log Pow		1.05
	Reference temperature		20 °C
	Source	ECHA	
3	2-methylpentane-1,5-diamine	15520-10-2	239-556-6
	log Pow	<	1
	Reference temperature		25 °C
	Source	ECHA	
Kinematic viscosity			
Value	appr.	600	mPa*s
Reference temperature		23	°C
Type	dynamic		
Particle characteristics			
No data available			
9.2 Other information			
Other information			
No data available.			

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

No data available.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

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Reactions with acids and strong oxidising agents. Heat; Keep from freezing. Moisture

10.5 Incompatible materials

Oxidizing agents

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Acute oral toxicity (result of the ATE calculation for the mixture)	
Product Name	
WIDOPOX Component B	
ATE (Mixture)	977.74 mg/kg
Method	Calculation method according Regulation (EC) No 1272/2008, (CLP), annex I, part 3, section 3.1.3.6.

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
LD50		1030	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
2	benzyl alcohol	100-51-6	202-859-9
LD50	=	1620	mg/kg bodyweight
Species	rat		
Source	ECHA		
3	2-methylpentane-1,5-diamine	15520-10-2	239-556-6
LD50		1690	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		

Acute dermal toxicity (result of the ATE calculation for the mixture)	
Product Name	
WIDOPOX Component B	
Comments	The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE dermal > 2000 mg/kg).

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
LD50	>	2000	mg/kg bodyweight
Species	rabbit		
Method	OECD 402		
Source	ECHA		

Acute inhalational toxicity (result of the ATE calculation for the mixture)	
Product Name	
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Comments	The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE for inhalation: > 20.000 ppmV (gases), > 20 mg/l (vapours), > 5 mg/l (dusts/mists)).
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Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
LC50	>	5.01	mg/l
Duration of exposure		4	h
State of aggregation	Dust/mist		
Species	rat		
Method	OECD 403		
Source	ECHA		
2	benzyl alcohol	100-51-6	202-859-9
LC50	>	4.178	mg/l
Duration of exposure		4	h
State of aggregation	mist		
Species	rat		
Method	OECD 403		
Source	ECHA		
3	2-methylpentane-1,5-diamine	15520-10-2	239-556-6
LC50		4.9	mg/l
Duration of exposure		4	h
State of aggregation	Dust/mist		
Species	rat		
Method	OECD 403		
Source	ECHA		

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
Species	rabbit		
Method	Draize method		
Source	ECHA		
Evaluation	corrosive		
2	benzyl alcohol	100-51-6	202-859-9
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	non-irritant		
3	2-methylpentane-1,5-diamine	15520-10-2	239-556-6
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	strongly corrosive		

Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	corrosive		
2	benzyl alcohol	100-51-6	202-859-9
Species	rabbit		
Method	OECD 405		
Source	ECHA		

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Evaluation	irritant		
3	2-methylpentane-1,5-diamine	15520-10-2	239-556-6
Species	rabbit		
Source	ECHA		
Evaluation	Irreversible effects on the eye		

Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
Route of exposure	Skin		
Species	guinea pig		
Method	OECD 406		
Source	ECHA		
Evaluation	sensitizing		

Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Reproduction toxicity			
No	Substance name	CAS no.	EC no.
1	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Carcinogenicity			
No	Substance name	CAS no.	EC no.
1	benzyl alcohol	100-51-6	202-859-9
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

STOT - single exposure			
No data available			

STOT - repeated exposure			
No data available			

Aspiration hazard			
No data available			

Endocrine disrupting properties			
No data available			

11.2 Information on other hazards

Other information
 No data available.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)			
No	Substance name	CAS no.	EC no.
1	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
LC50		110	mg/l
Duration of exposure		96	h
Species	Leuciscus idus		
Method	EEC C1		
Source	ECHA		
2	benzyl alcohol	100-51-6	202-859-9

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LC50		460	mg/l
Duration of exposure		96	h
Species	Pimephales promelas		
Method	EPA OPP 72-1		
Source	ECHA		
3	2-methylpentane-1,5-diamine	15520-10-2	239-556-6
LC50		1825	mg/l
Duration of exposure		96	h
Species	Pimephales promelas		
Method	OECD 203		
Source	ECHA		

Toxicity to fish (chronic)			
No data available			

Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
1	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
EC50		23	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		
2	benzyl alcohol	100-51-6	202-859-9
EC50		230	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		

Toxicity to Daphnia (chronic)			
No	Substance name	CAS no.	EC no.
1	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
NOEC		3	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		
2	benzyl alcohol	100-51-6	202-859-9
NOEC		51	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		
3	2-methylpentane-1,5-diamine	15520-10-2	239-556-6
NOEC	>=	9.3	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		

Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.
1	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
EC50		37	mg/l
Duration of exposure		72	h
Species	Desmodesmus subspicatus		
Method	EEC C3		
Source	ECHA		
2	benzyl alcohol	100-51-6	202-859-9

Trade name: WIDOPOX Component B**Current version :** 5.0.0, issued: 13.09.2024**Replaced version:** 4.2.1, issued: 09.07.2021**Region:** GB

EC50		500	mg/l
Duration of exposure		72	h
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECHA		
3	2-methylpentane-1,5-diamine	15520-10-2	239-556-6
EC50	>	100	mg/l
Duration of exposure		72	h
Species	Raphidocelis subcapitata		
Method	OECD 201		
Source	ECHA		

Toxicity to algae (chronic)			
No	Substance name	CAS no.	EC no.
1	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
NOEC		1.5	mg/l
Duration of exposure		72	
Species	Desmodesmus subspicatus		
Method	440/2008/EC C.3.		
Source	ECHA		
2	benzyl alcohol	100-51-6	202-859-9
NOEC		31072	mg/l
Duration of exposure		72	
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECDIN		
3	2-methylpentane-1,5-diamine	15520-10-2	239-556-6
NOEC		10	mg/l
Duration of exposure		72	h
Species	Raphidocelis subcapitata		
Method	OECD 201		
Source	ECHA		

Bacteria toxicity			
No	Substance name	CAS no.	EC no.
1	2-methylpentane-1,5-diamine	15520-10-2	239-556-6
IC50		291	mg/l
Duration of exposure		3	h
Species	activated sludge		
Method	OECD 209		
Source	ECHA		

12.2 Persistence and degradability

Biodegradability			
No	Substance name	CAS no.	EC no.
1	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
Value		8	%
Duration		28	day(s)
Method	92/69 EEC C.4-A		
Source	ECHA		
Evaluation	not readily biodegradable		
2	benzyl alcohol	100-51-6	202-859-9
Type	BOD of the ThOD		
Value	92	- 96	%
Duration		14	day(s)
Method	OECD 301 C		
Source	ECHA		
Evaluation	readily biodegradable		
3	2-methylpentane-1,5-diamine	15520-10-2	239-556-6
Value		102	%

Trade name: WIDOPOX Component B**Current version :** 5.0.0, issued: 13.09.2024**Replaced version:** 4.2.1, issued: 09.07.2021**Region:** GB

Duration	28	d
Method	OECD 301 D	
Source	ECHA	

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
	log Pow	0.99	
	Reference temperature	23	°C
	with reference to	pH 6.34	
	Source	ECHA	
2	benzyl alcohol	100-51-6	202-859-9
	log Pow	1.05	
	Reference temperature	20	°C
	Source	ECHA	
3	2-methylpentane-1,5-diamine	15520-10-2	239-556-6
	log Pow	<	1
	Reference temperature		25
	Source	ECHA	

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.8 Other information

Other information
Do not discharge into drains or waters and do not dispose of in public landfills.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information**14.1 UN number or ID number**

ADR/RID/ADN	UN2735
IMDG	UN2735
ICAO-TI / IATA	UN2735

14.2 UN proper shipping name

ADR/RID/ADN	AMINES, LIQUID, CORROSIVE, N.O.S.
Technical name	m-phenylenebis(methylamine) 4-tert-butylphenol

Trade name: WIDOPOX Component B

Current version : 5.0.0, issued: 13.09.2024

Replaced version: 4.2.1, issued: 09.07.2021

Region: GB

IMDG
 Technical name AMINES, LIQUID, CORROSIVE, N.O.S.
 m-phenylenebis(methylamine)
 4-tert-butylphenol

ICAO-TI / IATA
 Technical name Amines, liquid, corrosive, n.o.s.
 m-phenylenebis(methylamine)
 4-tert-butylphenol

14.3 Transport hazard class(es)

ADR/RID/ADN - Class 8
 Label 8
 Classification code C7
 Tunnel restriction code E
 Hazard identification no. 80

IMDG - Class 8
 Label 8

ICAO-TI / IATA - Class 8
 Label 8

14.4 Packing group

ADR/RID/ADN II
IMDG II
ICAO-TI / IATA II

14.5 Environmental hazards

ADR/RID/ADN Symbol "fish and tree"
IMDG Symbol "fish and tree"
EmS F-A, S-B

14.6 Special precautions for user

No data available.

14.7 Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations****Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

The product contains following substance(s) meeting the criteria in Article 57 in association with Article 59 of the REACH regulation ((EC) 1907/2006) that are placed on the list of candidates considered for inclusion in annex XIV (substances subject to Authorisation).

No	Substance name	CAS no.	EC no.
1	4-tert-butylphenol	98-54-4	202-679-0

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII. No 3

The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

No	Substance name	CAS no.	EC no.	No
1	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8	75
2	4-tert-butylphenol	98-54-4	202-679-0	75

Trade name: WIDOPOX Component B

Current version : 5.0.0, issued: 13.09.2024

Replaced version: 4.2.1, issued: 09.07.2021

Region: GB

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances	
This product is subject to Part I of Annex I, risk category:	E2

15.2 Chemical safety assessment

No data available.

SECTION 16: Other information

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

EUH071	Corrosive to the respiratory tract.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H361f	Suspected of damaging fertility.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Creation of the safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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Prod-ID 21986