

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)

9175-Phenonip xb

Version 1 Date of compilation: 2/11/2016

Version 6 (replaces version 5)

Revision date: 26/11/2024

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING.

1.1 Product identifier.

Product Name: Phenonip xb
Product Code: 9175
UFI: 7820-2083-J00J-144Y

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

Technological aids

Uses advised against:

Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet.

Company: **GUINAMA S.L**
Address: C/ Oslo Nº3
City: 46185 - La Pobla de Vallbona
Province: Valencia
Telephone: +34961869090 / 902119816
Fax: +34961850352
E-mail: ventas@guinama.com
Web: www.guinama.com

1.4 Emergency telephone number: +34961869090 / 902119816 (Only available during office hours; Monday-Friday; 08:00-18:00)

SECTION 2: HAZARDS IDENTIFICATION.

2.1 Classification of the substance or mixture.

In accordance with Regulation (EC) No 1272/2008:

Acute Tox. 4 : Harmful if swallowed.
Eye Dam. 1 : Causes serious eye damage.
STOT SE 3 : May cause respiratory irritation.

2.2 Label elements.

Labelling in accordance with Regulation (EC) No 1272/2008:

Pictograms:



Signal Word:

Danger

Hazard statements:

H302 Harmful if swallowed.
H335 May cause respiratory irritation.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash ... thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P405 Store locked up.
P501 Dispose of contents/container in accordance with current laws

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Contains:
2-phenoxyethanol

2.3 Other hazards.

The mixture does not contain substances classified as PBT.
The mixture does not contain substances classified as vPvB.
The mixture does not contain any endocrine disrupting properties substances.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.

3.1 Substances.

Not applicable.

3.2 Mixtures.

Substances posing a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List:

Identifiers	Name	Concentrate	(*)Classification - Regulation (EC) No 1272/2008	
			Classification	Specifics concentration limits and Acute toxicity estimate
Index No: 603-098-00-9 CAS No: 122-99-6 EC No: 204-589-7 Registration No: 01-2119488943-21-XXXX	2-phenoxyethanol	80%	Acute Tox. 4, H302 - Eye Dam. 1, H318 - STOT SE 3, H335	Oral: ETA = 1394 mg/kg pc (ATP 17)
CAS No: 99-76-3 EC No: 202-785-7 Registration No: 01-2119463264-40-XXXX	methyl 4-hydroxybenzoate	15%	Aquatic Chronic 3, H412	-

(*) The complete text of the H phrases is given in section 16 of this Safety Data Sheet.

SECTION 4: FIRST AID MEASURES.

4.1 Description of first aid measures.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

Inhalation.

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration. Do not administer anything orally. If unconscious, place them in a suitable position and seek medical assistance.

Eye contact.

Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance. Dont let the person to rub the affected eye.

Skin contact.

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. NEVER use solvents or thinners.

Ingestion.

If accidentally ingested, seek immediate medical attention. Keep calm. NEVER induce vomiting.

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

Corrosive Product, contact with eyes or skin can cause burns; ingestion or inhalation can cause internal damage, if this occurs immediate medical assistance is required.

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Harmful Product, prolonged exposure due to inhalation may cause anaesthetic effects and the need for immediate medical assistance.

Contact with eyes may cause irreversible damage.

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

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious. Do not induce vomiting. If the person vomits, clear the respiratory tract.

SECTION 5: FIREFIGHTING MEASURES.

The product does not present any particular risk in case of fire.

5.1 Extinguishing media.

Suitable extinguishing media:

Extinguisher powder or CO₂. In case of more serious fires, also alcohol-resistant foam and water spray.

Unsuitable extinguishing media:

Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

5.2 Special hazards arising from the substance or mixture.

Special risks.

Exposure to combustion or decomposition products can be harmful to your health.

5.3 Advice for firefighters.

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

Fire protection equipment.

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots.

SECTION 6: ACCIDENTAL RELEASE MEASURES.

6.1 Personal precautions, protective equipment and emergency procedures.

For exposure control and individual protection measures, see section 8.

6.2 Environmental precautions.

Product not classified as hazardous for the environment, avoid spillage as much as possible.

6.3 Methods and material for containment and cleaning up.

Contain and collect spillage with inert absorbent material (earth, sand, vermiculite, Kieselguhr...) and clean the area immediately with a suitable decontaminant.

Deposit waste in closed and suitable containers for disposal, in compliance with local and national regulations (see section 13).

6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8.

For later elimination of waste, follow the recommendations under section 13.

SECTION 7: HANDLING AND STORAGE.

7.1 Precautions for safe handling.

For personal protection, see section 8.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Never use pressure to empty the containers. They are not pressure-resistant containers. Keep the product in containers made of a material identical to the original.

7.2 Conditions for safe storage, including any incompatibilities.

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Store according to local legislation. Observe indications on the label. Store the containers between 5 and 40 ° C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorized persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

The product is not affected by Directive 2012/18/EU (SEVESO III).

7.3 Specific end use(s).

Not available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

8.1 Control parameters.

The product does NOT contain substances with Professional Exposure Environmental Limit Values. The product does NOT contain substances with Biological Limit Values.

Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Type	Value
2-phenoxyethanol CAS No: 122-99-6 EC No: 204-589-7	DNEL (Workers)	Inhalation, Chronic, Local effects	8,07 (mg/m ³)
	DNEL (Workers)	Inhalation, Chronic, Systemic effects	8,07 (mg/m ³)
	DNEL (Workers)	Inhalation, Chronic, Local effects	5,07 (mg/m ³)
	DNEL (Consumers)	Inhalation, Chronic, Local effects	2,41 (mg/m ³)
	DNEL (Workers)	Inhalation, Chronic, Systemic effects	5,07 (mg/m ³)
	DNEL (Consumers)	Inhalation, Chronic, Systemic effects	2,41 (mg/m ³)
	DNEL (Workers)	Dermal, Chronic, Systemic effects	20,83 (mg/kg bw/day)
	DNEL (Consumers)	Dermal, Chronic, Systemic effects	10,42 (mg/kg bw/day)
	DNEL (Consumers)	Oral, Chronic, Systemic effects	9,23 (mg/kg bw/day)
	DNEL (Consumers)	Oral, Short term, Systemic effects	9,23 (mg/kg bw/day)
methyl 4-hydroxybenzoate CAS No: 99-76-3 EC No: 202-785-7	DNEL (Workers)	Inhalation, Chronic, Systemic effects	14,7 (mg/m ³)

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

Concentration levels PNEC:

Name	Details	Value
2-phenoxyethanol CAS No: 122-99-6 EC No: 204-589-7	aqua (freshwater)	0,943 (mg/L)
	freshwater (intermittent releases)	3,44 (mg/L)
	aqua (marine water)	0,094 (mg/L)
	STP	24,8 (mg/L)
	sediment (freshwater)	7,237 (mg/kg sediment dw)
	sediment (marine water)	0,724 (mg/kg sediment dw)
	soil	1,26 (mg/kg soil dw)

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PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.

8.2 Exposure controls.

Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

Concentration:	100 %				
Uses:	Technological aids				
Breathing protection:					
PPE:	Particle filter mask				
Characteristics:	«CE» marking, category III. Made of filtering material, it covers nose, mouth and chin.				
CEN standards:	EN 149				
Maintenance:	Check for any tears, defects, etc. before use. Since it is disposable individual protection equipment, it should be replaced after use.				
Observations:	Does not protect worker unless properly adjusted. Follow the manufacturer's instructions regarding suitable use of the equipment.				
Filter Type needed:	P2				
Hand protection:					
PPE:	Protective gloves.				
Characteristics:	«CE» marking, category II.				
CEN standards:	EN 374-1, En 374-2, EN 374-3, EN 420				
Maintenance:	Keep in a dry place, away from any sources of heat, and avoid exposure to sunlight as much as possible. Do not make any changes to the gloves that may alter their resistance, or apply paints, solvents or adhesives.				
Observations:	Gloves should be of the appropriate size and fit the user's hand well, not being too loose or too tight. Always use with clean, dry hands.				
Material:	PVC (polyvinyl chloride)	Breakthrough time (min.):	> 480	Material thickness (mm):	0,35
Eye protection:					
PPE:	Protective goggles with built-in frame.				
Characteristics:	«CE» marking, category II. Eye protector with built-in frame for protection against dust, smoke, fog and vapour.				
CEN standards:	EN 165, EN 166, EN 167, EN 168				
Maintenance:	Visibility through lenses should be ideal. Therefore, these parts should be cleaned daily. Protectors should be disinfected periodically following the manufacturer's instructions.				
Observations:	Some signs of wear and tear include: yellow colouring of the lenses, superficial scratching of the lenses, scraping etc.				
Skin protection:					
PPE:	Protective clothing.				
Characteristics:	«CE» marking, category II. Protective clothing should not be too tight or loose in order not to obstruct the user's movements.				
CEN standards:	EN 340				
Maintenance:	In order to guarantee uniform protection, follow the washing and maintenance instructions provided by the manufacturer.				
Observations:	The protective clothing should offer a level of comfort in line with the level of protection provided in terms of the hazard against which it protects, bearing in mind environmental conditions, the user's level of activity and the expected time of use.				
PPE:	Work footwear.				
Characteristics:	«CE» marking, category II.				
CEN standards:	EN ISO 13287, EN 20347				
Maintenance:	This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should not be used by other people.				
Observations:	Work footwear for professional use includes protection elements aimed at protecting users against any injury resulting from an accident				

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties.

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Physical state: Liquid
Colour: Yellowish
Odour: weak
Odour threshold: Not applicable/Not available due to the nature/properties of the product
Melting point: Not applicable/Not available due to the nature/properties of the product
Freezing point: Not applicable/Not available due to the nature/properties of the product
Boiling point or initial boiling point and boiling range: Not applicable/Not available due to the nature/properties of the product
Flammability: Not applicable/Not available due to the nature/properties of the product
Lower explosion limit: Not applicable/Not available due to the nature/properties of the product
Upper explosion limit: Not applicable/Not available due to the nature/properties of the product
Flash point: 120 °C (Non-equilibrium method, Pensky-Martens apparatus (DIN 51758))
Auto-ignition temperature: Not applicable/Not available due to the nature/properties of the product
Decomposition temperature: 298 °C
pH: Not applicable (Substance/mixture is non-soluble (in water)).
Kinematic viscosity: Not applicable/Not available due to the nature/properties of the product
Solubility: Not applicable/Not available due to the nature/properties of the product
Hydrosolubility: slightly soluble
Liposolubility: Not applicable/Not available due to the nature/properties of the product
Partition coefficient n-octanol/water (log value): Not applicable/Not available due to the nature/properties of the product
Vapour pressure: 4 Pa
Absolute density: Not applicable/Not available due to the nature/properties of the product
Relative density: Not applicable/Not available due to the nature/properties of the product
Relative vapour density: Not applicable/Not available due to the nature/properties of the product
Particle characteristics: Not applicable/Not available due to the nature/properties of the product
Thermal decomposition: 277 °C (heating rate: 3K / min)

9.2 Other information

Not applicable/Not available due to the nature/properties of the product

SECTION 10: STABILITY AND REACTIVITY.

10.1 Reactivity.

The product does not present hazards by their reactivity.

10.2 Chemical stability.

Stable under the recommended handling and storage conditions (see section 7).

10.3 Possibility of hazardous reactions.

The product does not present possibility of hazardous reactions.

10.4 Conditions to avoid.

Avoid any improper handling.

10.5 Incompatible materials.

Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions.

10.6 Hazardous decomposition products.

No decomposition if used for the intended uses.

SECTION 11: TOXICOLOGICAL INFORMATION.

IRRITANT MIXTURE. The inhalation of spray mist or suspended particulates can irritate the respiratory tract. It can also cause serious respiratory difficulties, central nervous system disorders, and in extreme cases, unconsciousness.

11.1 Information on hazard classes as defined in Regulation (EC) N° 1272/2008.

Splatters in the eyes can cause irritation and reversible damage.

Toxicological information about the substances present in the composition.

Name	Acute toxicity		
	Type	Test	Value

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2-phenoxyethanol	Oral		Rat	
			Rat	
		LD50	Rat	1400 mg/kg bw [1]
		LD50	Rat	1440 mg/kg bw [2]
		LD50	Rat	3100 mg/kg bw [3]
		LD50	Rat	2000 mg/kg bw [4]
		LD50	Rat	2580 mg/kg bw [5]
		LD50	Rat	2580 mg/kg bw [6]
		LD50	Rat	2000 mg/kg bw [7]
		LD50	Rat	7500 mg/kg bw [8]
		LD50	Rat	2728 mg/kg bw [9]
		LD50	Rat	2563 mg/kg bw [10]
		LD50	Rat	1260 mg/kg bw [11]
		LD50	Rat	1345 mg/kg bw [12]
		LD50	Rat	1.3 mL/kg bw [13]
		LD50	Rat	5550 mg/kg bw [14]
		LD50	Rat	2740 mg/kg bw [15]
		LD50	Rat	3400 mg/kg bw [16]
		LD50	Chronic	1400 mg/kg bw [17]
		DL50	animal/mach	1840-4070 mg/kg (-) [18]
		NOAEL	ho, 2 años	468 mg/kg bw [19]
		NOAEL	crónico,	468 mg/kg bw (-) [20]
LOAEL	oral,	>700 mg/kg bw (90 días) [21]		
NOAEL	animal/hem	369 mg/kg bw/day (90 días) [22]		
	bra, 2 años			
	Rat			
	Rat			

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		<p>[1] TSCAT, OTS0531423, Doc I.D. 40-8279010, 01.04.1982, Emery Industries Inc.</p> <p>[2] Davies RE. 1970. Acute oral toxicity of phenoxetol to rats. From COLIPA, 1980, Summaries of submissions I and II on phenoxyethanol. COLIPA report No. 5/70/D59. As described in Final report on the safety assessment of phenoxyethanol. J Am Coll Toxicol 9(2):259-277, 1990.</p> <p>[3] TSCAT, OTS206553, Doc I.D. 878213853, 13.06.1955, Union Carbide Corp.</p> <p>[4] TSCAT, OTS206553, Doc I.D. 878213853, 13.06.1955, Union Carbide Corp.</p> <p>[5] TSCAT, OTS206553, Doc I.D. 878213852, 29.09.1949, Union Carbide Corp.</p> <p>[6] TSCAT, OTS0531415, Doc I.D. 40-8279001, 26.07.1982, American Cyanamid Co.</p> <p>[7] Moreno, O.M.: Report to RIFM, 03.10.1978. Zitiert in: TSCAT, OTS0531428, Doc I.D. 40-8379015, 09.08.1983, Res. Inst. Fragrance Materials</p> <p>[8] TSCAT, OTS215501, Doc I.D. 878221419, 24.05.1972, E.I. Dupont Denemours & Co. Inc.</p> <p>[9] TSCAT, OTS206553, Doc I.D. 878213854, 18.03.1968, Union Carbide Corp.</p> <p>[10] TSCAT, OST0531415, Doc I.D. 40-82279001, 26.07.1982, Americam Cyanamid Co.</p> <p>[11] Smyth HF Jr, Seaton J, Fischer L. 1941. The single dose toxicity of some glycols and derivatives. J Ind Hyg Toxicol 23(6): 259-268.</p> <p>[12] TSCAT, OTS206553, Doc I.D. 878213856, 13.06.1983, Union Carbide Corp.</p> <p>[13] NIPA Laboratories, Inc. 1983. Toxicology data for PHENXETOL (2-phenoxyethanol BP 99%).</p> <p>[14] BASF AG, Abteilung Toxikologie [Toxicology Division], unveroeffentlichte Untersuchung [unpublished study] (XIII/386), 23.12.1963</p> <p>[15] BASF AG, Abteilung Toxikologie [Toxicology Division], unveroeffentlichte Untersuchung [unpublished study] (82/135), 29.12.1982</p> <p>[16] Grote, I.W. und Woods, M.: Am. Pharm. Ass. (Sci. Ed.) 44, 9 (1955). Zitiert in: BIBRA, Toxicity Profile 2-Phenoxyethanol, Januar1988</p> <p>[17] Health, Safety, and Human Factors Laboratory, unveroeffentlichte Untersuchung [unpublished study] HSHFL No. 80-0358 (1981). Zitiert in [cited in]: J. Am. Coll. Toxicol. 9 (2), 259-277 (1990)</p> <p>[18] ECHA OCDE 401</p> <p>[19] OCDE 451</p> <p>[20] OCDE 451</p> <p>[21] ECHA OECD 408</p> <p>[22] OECD 408</p>
	Dermal	<p>LD50 Rat 13 mL/kg bw [1] DL50 Rat 14391 mg/kg (-) [2] DL50 Rabbit >2214 mg/kg (-) [3] LOAEL Rata/conejo >500 mg/kg bw (90 días) [4] NOAEL Rata/conejo 500 mg/kg bw (90 días) [5]</p> <p>[1] NIPA Laboratories, Inc. 1983. Toxicology data for PHENXETOL (2-phenoxyethanol BP 99%).</p> <p>[2] ECHA OCDE 402</p> <p>[3] ECHA</p> <p>[4] ECHA OECD 411</p> <p>[5] ECHA OECD 411</p>
CAS No: 122-99-6 EC No: 204-589-7	Inhalation	

a) acute toxicity;
Product classified:

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Acute toxicity (Oral), Category 4: Harmful if swallowed.

Acute Toxicity Estimate (ATE):

Mixtures:

ATE (Oral) = 625 mg/kg

b) skin corrosion/irritation;

Not conclusive data for classification.

c) serious eye damage/irritation;

Product classified:

Serious eye damage, Category 1: Causes serious eye damage.

d) respiratory or skin sensitisation;

Not conclusive data for classification.

e) germ cell mutagenicity;

Not conclusive data for classification.

f) carcinogenicity;

Not conclusive data for classification.

g) reproductive toxicity;

Not conclusive data for classification.

h) STOT-single exposure;

Product classified:

Specific target organ toxicity following a single exposure, Category 3: May cause respiratory irritation.

i) STOT-repeated exposure;

Not conclusive data for classification.

j) aspiration hazard;

Not conclusive data for classification.

11.2 Information on other hazards.

Endocrine disrupting properties

This product does not contain components with endocrine-disrupting properties with effects on human health.

Other information

There is no information available on other adverse health effects.

SECTION 12: ECOLOGICAL INFORMATION.

12.1 Toxicity.

Name	Ecotoxicity			
	Type	Test	Kind	Value
2-phenoxyethanol	Fish	LC50	Pimephales promelas	344 mg/L (96 h) [1]
		LC50	Leuciscus idus	220 mg/L (96 h h) [2]
		NOEC	Pimephales promelas	24 mg/l (34 días) [3]

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		<p>[1] Veith, G.D. et al.: ASTM Spec. Tech. Publ., Iss. Aquat. Toxicol. Hazard Assess., Vol. 802, 90-97 (1973), as described in Brooke et al., 1980. Acute toxicities of organic chemicals to fathead minnows (Pimephales promelas). Volume I. Center for Lake Superior Environmental Studies, University of Wisconsin-Superior</p> <p>[2] BASF AG, Abteilung Toxikologie [Toxicology Division], unveroeffentlichte Untersuchung [unpublished study] (87/407), 22.01.1988</p> <p>[3] OCDE 210</p>																					
	<p>Aquatic invertebrates</p>	<table border="0"> <tr> <td>EC100</td> <td>Daphnia magna</td> <td>500 mg/L (48 h) [1]</td> </tr> <tr> <td>LC50</td> <td>Daphnia magna</td> <td>488 mg/L (48 h) [2]</td> </tr> <tr> <td>EC10</td> <td>Daphnia magna</td> <td>320 mg/L (48 h) [3]</td> </tr> <tr> <td>LC50</td> <td>Aquatic crustacean</td> <td>357 mg/L (96 h) [4]</td> </tr> <tr> <td>LC50</td> <td>Daphnia</td> <td>723 mg/L (48 h) [5]</td> </tr> <tr> <td>CE50</td> <td>Daphnia magna</td> <td>>500 mg/l (-) [6]</td> </tr> <tr> <td>NOEC</td> <td>Daphnia magna</td> <td>9.43 mg/l (21 dia) [7]</td> </tr> </table> <p>[1] BASF AG, Labor Oekologie [Ecology Laboratory]. Bestimmung der acute Wirkung von monophenylglykol gegenüber dem wasserfloh Daphnia magna Straus [Determination of the acute effect of monophenylglykol with respect to the water flea Daphnia magna Straus]. Unpublished study 1/1682/2/88-1682/88.</p> <p>[2] Waggy GT. 1987. Glycol ethers: Summary of available ecological fate and effects data. Union Carbide Corporation File No. 35931.</p> <p>[3] Batchelder TL. 1976. Analysis of Dowanol Eph in the aquatic environment. Dow Chemical Research Report ES-80, dated April 30, 1976.</p> <p>[4] Adema D.M.M.: Tests and desk studies carried out by MT-TNO during 1980-1981 for Annex II of Marpol 1973. Report No. CL/82/14, Order No. 91670, date: 23.02.1982</p> <p>[5] EPA EPIWIN program (v3.10), ECOSAR Model (v.0.99g). Model ran 1/20/2004.</p> <p>[6] ECHA OCDE 201</p> <p>[7] OCDE 211</p>	EC100	Daphnia magna	500 mg/L (48 h) [1]	LC50	Daphnia magna	488 mg/L (48 h) [2]	EC10	Daphnia magna	320 mg/L (48 h) [3]	LC50	Aquatic crustacean	357 mg/L (96 h) [4]	LC50	Daphnia	723 mg/L (48 h) [5]	CE50	Daphnia magna	>500 mg/l (-) [6]	NOEC	Daphnia magna	9.43 mg/l (21 dia) [7]
EC100	Daphnia magna	500 mg/L (48 h) [1]																					
LC50	Daphnia magna	488 mg/L (48 h) [2]																					
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LC50	Aquatic crustacean	357 mg/L (96 h) [4]																					
LC50	Daphnia	723 mg/L (48 h) [5]																					
CE50	Daphnia magna	>500 mg/l (-) [6]																					
NOEC	Daphnia magna	9.43 mg/l (21 dia) [7]																					
<p>CAS No: 122-99-6 EC No: 204-589-7</p>	<p>Aquatic plants</p>	<table border="0"> <tr> <td>EC90</td> <td>Scenedesmus subspicatus (Desmodesmus subspicatus)</td> <td>500 mg/L (72 h) [1]</td> </tr> <tr> <td>EC50</td> <td>Green alga</td> <td>429 mg/L (96 h) [2]</td> </tr> <tr> <td>EC50</td> <td>Desmodesmus subspicatus</td> <td>> 500 mg/L (72 h) [3]</td> </tr> <tr> <td>EC50</td> <td>Green algae</td> <td>429 mg/L (96 h) [4]</td> </tr> <tr> <td>CE50</td> <td>Desmodesmus subspicatus</td> <td>625 mg/l (72 h) [5]</td> </tr> <tr> <td>CEr50</td> <td>Desmodesmus subspicatus</td> <td>625 mg/l (72 h) [6]</td> </tr> <tr> <td>NOEC</td> <td>Desmodesmus subspicatus</td> <td>>500 mg/l (72h) [7]</td> </tr> </table> <p>[1] BASF AG, Labor Oekologie [Ecology Laboratory]. Algentest for monophenylglykol. Unpublished study 2/1682/88, dated 25.09.1989.</p> <p>[2] EPA EPIWIN program (v3.10), ECOSAR Model (v.0.99g). Model ran 1/20/2004.</p> <p>[3] Study report according to DIN 38412 Part 9</p> <p>[4] EPA EPIWIN program (v3.10), ECOSAR Model (v.0.99g). Model ran 1/20/2004.</p> <p>[5] ECHA OCDE 201</p> <p>[6] ECHA Directive 67/548/CEE, Annexe V, C.3.</p> <p>[7] static test</p>	EC90	Scenedesmus subspicatus (Desmodesmus subspicatus)	500 mg/L (72 h) [1]	EC50	Green alga	429 mg/L (96 h) [2]	EC50	Desmodesmus subspicatus	> 500 mg/L (72 h) [3]	EC50	Green algae	429 mg/L (96 h) [4]	CE50	Desmodesmus subspicatus	625 mg/l (72 h) [5]	CEr50	Desmodesmus subspicatus	625 mg/l (72 h) [6]	NOEC	Desmodesmus subspicatus	>500 mg/l (72h) [7]
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methyl 4-hydroxybenzoate CAS No: 99-76-3 EC No: 202-785-7	Fish	
	Aquatic invertebrates	EC50 Crustaceans 41.1 mg/l (48 h) [1] [1] Kamaya, Y., Y. Fukaya, and K. Suzuki 2005. Acute Toxicity of Benzoic Acids to the Crustacean Daphnia magna. Chemosphere 59(2):255-261
	Aquatic plants	

12.2 Persistence and degradability.

No information is available regarding the biodegradability of the substances present.

No information is available on the degradability of the substances present.

No information is available about persistence and degradability of the product.

12.3 Bioaccumulative potential.

Information about the bioaccumulation of the substances present.

Name	Bioaccumulation			
	Log Pow	BCF	NOECs	Level
2-phenoxyethanol CAS No: 122-99-6 EC No: 204-589-7	1,16	-	-	Very low
methyl 4-hydroxybenzoate CAS No: 99-76-3 EC No: 202-785-7	1,96	-	-	Very low

12.4 Mobility in soil.

No information is available about the mobility in soil.

The product must not be allowed to go into sewers or waterways.

Prevent penetration into the ground.

12.5 Results of PBT and vPvB assessment.

No information is available about the results of PBT and vPvB assessment of the product.

12.6 Endocrine disrupting properties.

This product doesn't contain components with environmental endocrine disrupting properties.

12.7 Other adverse effects.

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

No information is available about other adverse effects for the environment.

SECTION 13: DISPOSAL CONSIDERATIONS.

13.1 Waste treatment methods.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.

Follow the provisions of Directive 2008/98/EC regarding waste management.

SECTION 14: TRANSPORT INFORMATION.

Transportation is not dangerous. In case of road accident causing the product's spillage, proceed in accordance with point 6.

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14.1 UN number or ID number.

Transportation is not dangerous.

14.2 UN proper shipping name.

Description:

ADR/RID: Not classified as hazardous for transport.

IMDG: Not classified as hazardous for transport.

ICAO/IATA: Not classified as hazardous for transport.

14.3 Transport hazard class(es).

Transportation is not dangerous.

14.4 Packing group.

Transportation is not dangerous.

14.5 Environmental hazards.

Transportation is not dangerous.

Transport by ship, FEm – Emergency sheets (F – Fire, S - Spills): Not applicable.

14.6 Special precautions for user.

Transportation is not dangerous.

14.7 Maritime transport in bulk according to IMO instruments.

Not classified as hazardous for transport.

SECTION 15: REGULATORY INFORMATION.

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

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles:

Designation of the substance, of the group of substances or of the mixture	Conditions of restriction
3. Liquid substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: (a) hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F; (b) hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10; (c) hazard class 4.1; (d) hazard class 5.1.	1. Shall not be used in: - ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays, - tricks and jokes, - games for one or more participants, or any article intended to be used as such, even with ornamental aspects, 2. Articles not complying with paragraph 1 shall not be placed on the market. 3. Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or perfume, or both, if they: - can be used as fuel in decorative oil lamps for supply to the general public, and, - present an aspiration hazard and are labelled with H304, 4. Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the European Standard on Decorative oil lamps (EN 14059) adopted by the European Committee for Standardisation (CEN). 5. Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of dangerous substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met: (a) lamp oils, labelled with H304, intended for supply to the general public are visibly, legibly and indelibly marked as follows: 'Keep lamps filled with this liquid out of the reach of children'; and, by 1 December 2010, 'Just a sip of lamp oil - or even sucking the wick of lamps - may lead to life-threatening lung damage'; (b) grill lighter fluids, labelled with H304, intended for supply to the general

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	public are legibly and indelibly marked by 1 December 2010 as follows: 'Just a sip of grill lighter may lead to life threatening lung damage'; (c) lamp oils and grill lighters, labelled with H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010.
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15.2 Chemical safety assessment.

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION.

Complete text of the H phrases that appear in section 3:

H302	Harmful if swallowed.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.

Classification codes:

Acute Tox. 4 : Acute toxicity (Oral), Category 4
Aquatic Chronic 3 : Chronic effect to the aquatic environment, Category 3
Eye Dam. 1 : Serious eye damage, Category 1
STOT SE 3 : Specific target organ toxicity following a single exposure, Category 3

Changes regarding to the previous version:

- Change in the emergency number (SECTION 1.4).
- Removal of precautionary statements/hazard statements/pictograms/signal word (SECTION 2.2).
- Addition of precautionary statements/hazard statements/pictograms/signal word (SECTION 2.2).
- Changes in the composition of the product (SECTION 3.2).
- Modification in the values of the physical and chemical properties (SECTION 9).
- National legislative changes (SECTION 15.1).

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Physical hazards	On basis of test data
Health hazards	Calculation method
Environmental hazards	Calculation method

It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly.

Information on the TSCA Inventory (Toxic Substances Control Act) USA:

CAS No	Name	State
122-99-6	2-phenoxyethanol	Registered
99-76-3	methyl 4-hydroxybenzoate	Registered

Risk classification system NFPA 704:

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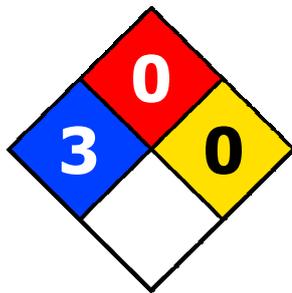
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Health hazard: 3 (Extreme Danger)

Flammability: 0 (Will not burn)

Reactivity: 0 (Stable)

Abbreviations and acronyms used:

- BCF: Bioconcentration factor.
CEN: European Committee for Standardization.
DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.
DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.
EC50: Half maximal effective concentration.
PPE: Personal protection equipment.
LC50: Lethal concentration, 50%.
LD50: Lethal dose, 50%.
NOEC: No observed effect concentration.
PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.

Key literature references and sources for data:

- <http://eur-lex.europa.eu/homepage.html>
<http://echa.europa.eu/>
Regulation (EU) 2020/878.
Regulation (EC) No 1907/2006.
Regulation (EC) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemical substances and mixtures (REACH).

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.