

Safety Data Sheet

according to Regulation (EC) No 1907/2006

ADDINOL FoodProof UNI Cleaner

Revision date: 03.07.2023

Product code: 736100

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

ADDINOL FoodProof UNI Cleaner

UFI: YGMR-33GC-920V-C787

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

For industrial purposes only.

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

Company name:	ADDINOL Lube Oil GmbH	
	Gebäude 4609	
Street:	Am Haupttor	
Place:	D-06237 Leuna	
Telephone:	+49 (0) 3461 845-0	Telefax: +49 (0) 3461 845-555
e-mail:	info@addinol.de	
Contact person:	Application Technology	
Internet:	www.addinol.de	
Responsible Department:	ADDINOL Application Technology	

Supplier

Company name:	GEM OILS LIMITED	
Place:	IRL-H12K298 Regaskin Co. Cavan	
Telephone:	+353 49 4378116	Telefax: +353 49 4368329
e-mail:	sales@gemoils.ie	
Contact person:	GEM OILS LIMITED	Telephone: +353 49 4378116
e-mail:	sales@gemoils.ie	
Internet:	https://gemoils.ie/	

1.4. Emergency telephone number: Healthcare Professionals: +353 (1) 809 2566 (24 hour service)**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**

Skin Irrit. 2; H315

Eye Dam. 1; H318

Full text of hazard statements: see SECTION 16.

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

2.2. Label elements**Regulation (EC) No 1272/2008****Hazard components for labelling**

disodium metasilicate

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

potassium hydroxide; caustic potash

Signal word: Danger

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Pictograms:**Hazard statements**

- H315 Causes skin irritation.
H318 Causes serious eye damage.

Precautionary statements

- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P310 Immediately call a POISON CENTER/doctor.
P501 Dispose of contents/container to an appropriate recycling or disposal facility.

Additional advice on labelling

Product is classified and labelled in accordance with EC regulations or the corresponding national laws.

2.3. Other hazards

Prolonged/repetitive skin contact may cause skin defatting or dermatitis.
Do not allow uncontrolled leakage of product into the environment.

If handled with proper care and at intended use, the product does not cause any harmful effects acc. to our experiences and available information.

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

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Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
111-76-2	2-butoxyethanol; ethylene glycol monobutyl ether			5 - < 10 %
	203-905-0	603-014-00-0		
	Acute Tox. 3, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2; H331 H302 H315 H319			
164524-02-1	Benzenesulfonic acid, 4-(1-methylethyl)-, potassium salt (1:1)			2.5 - < 5 %
	629-764-9		01-2119489427-24	
	Eye Irrit. 2; H319			
15763-76-5	Sodium p-cumenesulphonate			2.5 - < 5 %
	239-854-6		01-2119489411-37	
	Eye Irrit. 2; H319			
6834-92-0	disodium metasilicate			2.5 - < 5 %
	229-912-9	014-010-00-8		
	Skin Corr. 1B, STOT SE 3; H314 H335			
68411-30-3	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts			1 - < 2.5 %
	270-115-0			
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H302 H315 H318 H412			
1310-58-3	potassium hydroxide; caustic potash			1 - < 2.5 %
	215-181-3	019-002-00-8		
	Acute Tox. 4, Skin Corr. 1A; H302 H314			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
111-76-2	203-905-0	2-butoxyethanol; ethylene glycol monobutyl ether	5 - < 10 %
		inhalation: ATE 3 mg/l (vapours); dermal: LD50 = > 2000 mg/kg; oral: ATE 1200 mg/kg	
164524-02-1	629-764-9	Benzenesulfonic acid, 4-(1-methylethyl)-, potassium salt (1:1)	2.5 - < 5 %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 6720 mg/kg	
15763-76-5	239-854-6	Sodium p-cumenesulphonate	2.5 - < 5 %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 6720 mg/kg	
6834-92-0	229-912-9	disodium metasilicate	2.5 - < 5 %
		inhalation: LC50 = > 2,06 mg/l (vapours); dermal: LD50 = > 5000 mg/kg; oral: LD50 = 770 - 820 mg/kg	
68411-30-3	270-115-0	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	1 - < 2.5 %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = 1080 mg/kg	
1310-58-3	215-181-3	potassium hydroxide; caustic potash	1 - < 2.5 %
		oral: LD50 = 333 mg/kg Skin Corr. 1A; H314: >= 5 - 100 Skin Corr. 1B; H314: >= 2 - < 5 Skin Irrit. 2; H315: >= 0,5 - < 2 Eye Irrit. 2; H319: >= 0,5 - < 2	

Further Information

The product does not contain any dangerous substances with concentrations reaching or exceeding the limits acc. to 1272/2008 [GHS].

DMSO-Extrakt < 3 %, IP 346.

Classification system: The classification corresponds to the current EC lists and is completed by information from specialist literature and company information.

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

Self-protection of the first aider. Change contaminated clothing. Do not put any product-impregnated cleaning rags into your trouser pockets.

After inhalation

Move victim to fresh air. Put victim at rest and keep warm. Seek medical attention if problems persist.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Change contaminated clothing. In case of skin irritation, seek medical treatment.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

After ingestion

Do NOT induce vomiting.

Rinse mouth immediately and drink plenty of water. Call a physician immediately.

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

No information available.

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

Treat symptomatically.

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

Carbon dioxide (CO₂). Extinguishing powder. Water spray. alcohol resistant foam.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide Nitrogen oxides (NO_x). Sulfur oxides. Nitrogen oxides (NO_x). carbon black.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Co-ordinate fire-fighting measures to the fire surroundings. Use water spray/stream to protect personnel and to cool endangered containers. In case of fire and/or explosion do not breathe fumes. Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****General advice**

High slip hazard because of leaking or spilled product. Remove all sources of ignition. Wear breathing apparatus if exposed to vapours/dusts/aerosols.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3. Methods and material for containment and cleaning up

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Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Collect in closed containers for disposal. Clean contaminated articles and floor according to the environmental legislation.

6.4. Reference to other sections

Safe handling: see section 7
 Personal protection equipment: see section 8
 Section 12: Ecological Information (non-mandatory)
 Disposal: see section 13

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

Work in well-ventilated zones or use proper respiratory protection. If handled uncovered, arrangements with local exhaust ventilation have to be used. Avoid contact with skin, eyes and clothes.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

Advice on general occupational hygiene

Wash hands before breaks and after work. Take off immediately all contaminated clothing. Wash contaminated clothing prior to re-use. Do not eat, drink, smoke or sneeze at the workplace.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep the packing dry and well sealed to prevent contamination and absorption of humidity. Keep container tightly closed in a cool place. Keep/Store only in original container.

Hints on joint storage

Keep away from food, drink and animal feedingstuffs.
 Keep away from: Oxidizing agent

Further information on storage conditions

Protect against: UV-radiation/sunlight. frost. heat.
 Recommended storage temperature: 5 - 40°C

7.3. Specific end use(s)

Further information: see technical data sheet.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Occupational exposure limits**

CAS No	Substance	ppm	mg/m ³	fib/cm ³	Category	Origin
111-76-2	2-Butoxyethanol (EGBE)	20	98		TWA (8 h)	
		50	246		STEL (15 min)	
1310-58-3	Potassium hydroxide	-	2		STEL (15 min)	

Biological limit values

CAS No	Substance	Parameter	Value	Test material	Sampling time
111-76-2	2-Butoxyethanol	BAA	200 mg/g	Creatinine	End of shift

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DNEL/DMEL values

CAS No	Substance		
DNEL type	Exposure route	Effect	Value
164524-02-1	Benzenesulfonic acid, 4-(1-methylethyl)-, potassium salt (1:1)		
Worker DNEL, long-term	inhalation	systemic	37,4 mg/m ³
Worker DNEL, long-term	dermal	systemic	191 mg/kg bw/day
Worker DNEL, long-term	dermal	local	0,096 mg/cm ²
Consumer DNEL, long-term	inhalation	systemic	6,6 mg/m ³
Consumer DNEL, long-term	dermal	systemic	68,1 mg/kg bw/day
Consumer DNEL, long-term	dermal	local	0,048 mg/cm ²
Consumer DNEL, long-term	oral	systemic	3,8 mg/kg bw/day
15763-76-5	Sodium p-cumenesulphonate		
Worker DNEL, long-term	inhalation	systemic	37,4 mg/m ³
Worker DNEL, long-term	dermal	systemic	191 mg/kg bw/day
Worker DNEL, long-term	dermal	local	0,096 mg/cm ²
Consumer DNEL, long-term	inhalation	systemic	6,6 mg/m ³
Consumer DNEL, long-term	dermal	systemic	68,1 mg/kg bw/day
Consumer DNEL, long-term	dermal	local	0,048 mg/cm ²
Consumer DNEL, long-term	oral	systemic	3,8 mg/kg bw/day
68411-30-3	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts		
Worker DNEL, long-term	inhalation	systemic	7,6 mg/m ³
Worker DNEL, long-term	dermal	systemic	119 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	1,3 mg/m ³
Consumer DNEL, long-term	dermal	systemic	42,5 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	0,425 mg/kg bw/day

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PNEC values

CAS No	Substance	
Environmental compartment		Value
164524-02-1	Benzenesulfonic acid, 4-(1-methylethyl)-, potassium salt (1:1)	
Freshwater		0,1 mg/l
Freshwater (intermittent releases)		1 mg/l
Marine water		0,01 mg/l
Freshwater sediment		0,372 mg/kg
Marine sediment		0,037 mg/kg
Micro-organisms in sewage treatment plants (STP)		100 mg/l
Soil		0,016 mg/kg
15763-76-5	Sodium p-cumenesulphonate	
Freshwater		0,1 mg/l
Freshwater (intermittent releases)		1 mg/l
Marine water		0,01 mg/l
Freshwater sediment		0,372 mg/kg
Marine sediment		0,037 mg/kg
Micro-organisms in sewage treatment plants (STP)		100 mg/l
Soil		0,016 mg/kg
68411-30-3	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	
Freshwater		0,268 mg/l
Freshwater (intermittent releases)		0,017 mg/l
Marine water		0,027 mg/l
Freshwater sediment		8,1 mg/kg
Marine sediment		6,8 mg/kg
Micro-organisms in sewage treatment plants (STP)		3,43 mg/l
Soil		35 mg/kg

Additional advice on limit values

The product does not contain any relevant quantities of substances with legally established exposure limitation.

8.2. Exposure controls



Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

Individual protection measures, such as personal protective equipment

Eye/face protection

Tightly sealed safety glasses. German Industry Norms (DIN) / European Norms (EN): EN 166

Hand protection

Tested protective gloves are to be worn: German Industry Norms (DIN) / European Norms (EN): EN ISO 374

Duration of wearing with permanent contact: 480 min

Suitable material: NBR (Nitrile rubber).

Thickness of glove material: 0.7 mm.

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Wearing time with occasional contact (splashes): 30 min

Suitable material: NBR (Nitrile rubber).

Thickness of glove material: 0.4 mm

Protect skin by using skin protective cream.

Skin protection

Wear suitable protective clothing. Change contaminated clothing. Do not put any product-impregnated cleaning rags into your trouser pockets.

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Cosaint riospráide le scaoire i gcoinne gás orgánach agus gaile cineál A - fiuchphointe > 65 ° C: A1: <1000 ppm; A2: <5000 ppm; A3: <10,000 ppm.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	colourless
Odour:	characteristic
Odour threshold:	not determined

Test method

Melting point/freezing point:	0 °C
Boiling point or initial boiling point and boiling range:	97 °C
Flammability:	No data available
Lower explosion limits:	No data available
Upper explosion limits:	No data available
Flash point:	No data available
Auto-ignition temperature:	not determined
Decomposition temperature:	No data available
pH-Value:	13,5
Water solubility:	highly soluble.
Solubility in other solvents	
No data available	
Partition coefficient n-octanol/water:	No data available
Vapour pressure:	No data available
Density (at 20 °C):	1,03 g/cm ³ DIN 51757
Relative vapour density:	No data available

9.2. Other information**Information with regard to physical hazard classes**

Explosive properties

No data available

Self-ignition temperature

Solid:

No data available

Gas:

No data available

Oxidizing properties

No data available

Other safety characteristics

Evaporation rate:

No data available

Further Information

No data available

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SECTION 10: Stability and reactivity**10.1. Reactivity**

The product is stable under storage at normal ambient temperatures.

10.2. Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

Do not overheat to avoid decomposition by heat.

Refer to chapter 7 No further action is necessary.

10.5. Incompatible materials

Reacts with : Oxidising agent, strong. Acid.

10.6. Hazardous decomposition products

In case of fire may be liberated: Carbon monoxide Nitrogen oxides (NO_x). Sulfur oxides. Nitrogen oxides (NO_x). carbon black.

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

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

Mixture not tested.

ATEmix calculated

ATE (oral) 6995,8 mg/kg; ATE (inhalation vapour) 37,50 mg/l

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
111-76-2	2-butoxyethanol; ethylene glycol monobutyl ether				
	oral	ATE 1200 mg/kg			
	dermal	LD50 > 2000 mg/kg	Rat	Study report (1993)	OECD Guideline 402
	inhalation vapour	ATE 3 mg/l			
164524-02-1	Benzenesulfonic acid, 4-(1-methylethyl)-, potassium salt (1:1)				
	oral	LD50 > 6720 mg/kg	Rat	Study report (1982)	OECD Guideline 423
	dermal	LD50 > 2000 mg/kg	Rabbit	Study report (1968)	OECD Guideline 402
15763-76-5	Sodium p-cumenesulphonate				
	oral	LD50 > 6720 mg/kg	Rat	Study report (1982)	OECD Guideline 423
	dermal	LD50 > 2000 mg/kg	Rabbit	Study report (1968)	OECD Guideline 402
6834-92-0	disodium metasilicate				
	oral	LD50 770 - 820 mg/kg	Mouse	Toxicol. Lett. 31 (Suppl. P1-28), 44 (19	Standard acute oral toxicity
	dermal	LD50 > 5000 mg/kg	Rat	Study report (2004)	EPA OPPTS 870.1200
	inhalation (4 h) vapour	LC50 > 2,06 mg/l	Rat	Study report (2004)	EPA OPPTS 870.1300
68411-30-3	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts				
	oral	LD50 1080 mg/kg	Rat	Study report (1984)	OECD Guideline 401
	dermal	LD50 > 2000 mg/kg	Rat	Study report (1986)	OECD Guideline 402
1310-58-3	potassium hydroxide; caustic potash				
	oral	LD50 333 mg/kg	Rat	Fund. Appl. Toxicol., 8, 97-100 (1987)	OECD Guideline 425

Irritation and corrosivity

Causes skin irritation.

Causes serious eye damage. (On basis of test data)

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

STOT-single exposure

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

STOT-repeated exposure

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

Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

Aspiration hazard

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

11.2. Information on other hazards**Endocrine disrupting properties**

not applicable

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Further information

If handled with proper care and at intended use, the product does not cause any harmful effects acc. to our experiences and available information.

SECTION 12: Ecological information**12.1. Toxicity**

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

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
111-76-2	2-butoxyethanol; ethylene glycol monobutyl ether					
	Acute fish toxicity	LC50 1474 mg/l	96 h	Oncorhynchus mykiss	Toxicol Mech Meth 12, 255-63 (2002)	OECD Guideline 203
	Acute algae toxicity	ErC50 911 mg/l	72 h	Pseudokirchneriella subcapitata	Toxicol Mech Meth 12, 255-63 (2002)	OECD Guideline 201
	Acute crustacea toxicity	EC50 1550 mg/l	48 h	Daphnia magna	Toxicol Mech Meth 12, 255-63 (2002)	OECD Guideline 202
	Fish toxicity	NOEC > 100 mg/l	21 d	Danio rerio	Toxicol Mech Meth 12, 255-63 (2002)	OECD Guideline 204
	Crustacea toxicity	NOEC 100 mg/l	21 d	Daphnia magna	Toxicol Mech Meth 12, 255-63 (2002)	OECD Guideline 211
164524-02-1	Benzenesulfonic acid, 4-(1-methylethyl)-, potassium salt (1:1)					
	Acute fish toxicity	LC50 > 1000 mg/l	96 h	Oncorhynchus mykiss	REACH Registration Dossier	EPA OTS 797.1400
	Acute algae toxicity	ErC50 ca. 252 mg/l	72 h	Raphidocelis subcapitata	Study report (2020)	OECD Guideline 201
	Acute crustacea toxicity	EC50 > 1000 mg/l	48 h	Daphnia magna	REACH Registration Dossier	EPA OTS 797.1300
15763-76-5	Sodium p-cumenesulphonate					
	Acute fish toxicity	LC50 > 1000 mg/l	96 h	Oncorhynchus mykiss	REACH Registration Dossier	EPA OTS 797.1400
	Acute algae toxicity	ErC50 ca. 252 mg/l	72 h	Raphidocelis subcapitata	Study report (2020)	OECD Guideline 201
	Acute crustacea toxicity	EC50 > 1000 mg/l	48 h	Daphnia magna	REACH Registration Dossier	EPA OTS 797.1300
6834-92-0	disodium metasilicate					
	Acute fish toxicity	LC50 260 - 310 mg/l	96 h	Oncorhynchus mykiss	Suishitsu Odaku Kenkyu 12(3): 177-184 (1)	Method: other: no method cited
	Acute algae toxicity	ErC50 207 mg/l	72 h	Desmodesmus subspicatus	SIDS Initial Assessment Report for SIAM	other: DIN 38412, Teil 9
	Acute crustacea toxicity	EC50 1700 mg/l	48 h	Daphnia magna	REACH Registration Dossier	EU Method C.2
	Acute bacteria toxicity	(EC50 > 100 mg/l)	3 h	activated sludge, domestic	Study report (1994)	OECD Guideline 209
68411-30-3	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts					
	Acute fish toxicity	LC50 1,67 mg/l	96 h	Lepomis macrochirus	REACH Registration Dossier	other: US EPA, 1975. Reliability, deviat

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	Acute algae toxicity	ErC50 mg/l	0,91	96 h	Microcystis aeruginosa	REACH Registration Dossier	other: Payne AG, Hall RH, 1979, in Aquat
	Acute crustacea toxicity	EC50	7,6 mg/l	48 h	other aquatic crustacea: Hyalella azteca	REACH Registration Dossier	OECD Guideline 202
	Fish toxicity	NOEC mg/l	0,23	72 d	Oncorhynchus mykiss	Study report (2010)	OECD Guideline 210
	Algae toxicity	NOEC mg/l	3,1 mg/l	15 d	Chlorella kessleri	Study report (1984)	other: EPA-600/9-78-01 8
	Crustacea toxicity	NOEC mg/l	1,18	21 d	Daphnia magna	Study report (1977)	OECD Guideline 211
1310-58-3	potassium hydroxide; caustic potash						
	Acute fish toxicity	LC50	80 mg/l	96 h	Gambusia affinis	IUCLID	

12.2. Persistence and degradability

Not easily bio-degradable (according to OECD-criteria). Do not allow to enter into surface water or drains.

12.3. Bioaccumulative potential

No data available

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
111-76-2	2-butoxyethanol; ethylene glycol monobutyl ether	0,81
164524-02-1	Benzenesulfonic acid, 4-(1-methylethyl)-, potassium salt (1:1)	-1,4
15763-76-5	Sodium p-cumenesulphonate	-1,1
68411-30-3	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	1,4

BCF

CAS No	Chemical name	BCF	Species	Source
68411-30-3	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	87	Pimephales promelas	REACH Registration D

12.4. Mobility in soil

Due to its low solubility in water the product is almost completely mechanically separated in biological waste water treatment plants.

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. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No data available

Further information

Do not allow uncontrolled leakage of product into the environment.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

Must not be disposed of with domestic refuse. Do not allow to enter into surface water or drains.

List of Wastes Code - residues/unused products

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200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing hazardous substances; hazardous waste

Contaminated packaging

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Dispose of waste according to applicable legislation. Packing which cannot be properly cleaned must be thrown away.

SECTION 14: Transport information**Land transport (ADR/RID)**

14.1. UN number or ID number: -
14.2. UN proper shipping name: -
14.3. Transport hazard class(es): -
14.4. Packing group: -

Inland waterways transport (ADN)

14.1. UN number or ID number: -
14.2. UN proper shipping name: -
14.3. Transport hazard class(es): -
14.4. Packing group: -

Marine transport (IMDG)

14.1. UN number or ID number: -
14.2. UN proper shipping name: -
14.3. Transport hazard class(es): -
14.4. Packing group: -

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: -
14.2. UN proper shipping name: -
14.3. Transport hazard class(es): -
14.4. Packing group: -

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

Unless specified otherwise, general measures for safe transport must be followed.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

Other applicable information

No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 75

National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

15.2. Chemical safety assessment

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

SECTION 16: Other information

Safety Data Sheet

according to Regulation (EC) No 1907/2006

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Changes

This data sheet contains changes from the previous version in section(s): 1,2,3,7,8,9,10,11,13,15,16.

Abbreviations and acronyms

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ASTM - American Society for the Testing of Materials; ATE - Acute Toxicity Estimates; bw - Body weight; CAO - Cargo Aircraft Only; CAS - Chemical Abstracts Service; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DNEL - Derived No-Effect Level; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); EG - European Union; EN - European standards; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISO - International Organisation for Standardization; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; OECD - Organization for Economic Co-operation and Development; PBT - Persistent, Bioaccumulative and Toxic substance; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulation concerning the International Carriage of Dangerous Goods by Rail; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

Classification	Classification procedure
Skin Irrit. 2; H315	
Eye Dam. 1; H318	On basis of test data

Relevant H and EUH statements (number and full text)

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.

Further Information

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

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)