Safety Data Sheet

according to Regulation (EC) No 1907/2006

Kyoto Yume

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

1.1. Product identifier

Kyoto Yume

UFI: YGC6-9098-T00F-8J31

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

Use of the substance/mixture

Air freshener

Uses advised against

The product is only to be used for the intended application.

1.3. Details of the supplier of the safety data sheet

Company name: blomus GmbH
Street: Zur Hubertushalle 4
Place: D-59846 Sundern
Telephone: +49 2933 831 0 Telefax: +49 2933 831 201
E-mail (Contact person): info@blomus.com
Internet: www.blomus.com

1.4. Emergency telephone number:

Poison Control Center (Mayence, GER): +49 (0)6131 - 19240 (24h) This safety data sheet is an English translation of the EU safety data sheet and is not suitable for the distribution in a specific country.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Eye Irrit. 2; H319
Skin Sens. 1; H317
Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EC) No 1272/2008

Hazard components for labelling

TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES, ALPHA-ISOMETHYL IONONE, BENZYL SALICYLATE, METHOXYHYDRATROPALDEHYDE, METHYLENEDIOXYPHENYL METHYLPROPANAL, CARVONE, CYCLAMEN ALDEHYDE, CITRAL, HEXYL CINNAMAL, LINALOOL, HELIOTROPINE

Signal word: Warning

Pictograms:

Hazard statements

H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P302+P352 IF ON SKIN: Wash with plenty of water.

P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P501	Do not discard content with household waste and forward for disposal according to regional/national guidelines.

2.3. Other hazards

The mixture contains the following substances fulfilling the PBT criteria according to REACH, annex XIII: 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one (TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES).
The mixture contains the following substances fulfilling the vPvB criteria according to REACH, annex XIII: 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one (TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES).
Endocrine disrupting properties: 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one (TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES); benzyl salicylate (BENZYL SALICYLATE); 1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (ACETYL HEXAMETHYL TETRALIN).

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
100-79-8	2,2-dimethyl-1,3-dioxolan-4-ylmethanol (ISOPROPYLIDENEGLYCEROL)			85 - < 90 %
	202-888-7			
	Eye Irrit. 2; H319			
120-51-4	benzyl benzoate			3 - < 5 %
	204-402-9	607-085-00-9		
	Acute Tox. 4, Aquatic Acute 1, Aquatic Chronic 2; H302 H400 H411			
54464-57-2	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one (TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES)			1.5 - < 2 %
	259-174-3			
	Skin Irrit. 2, Skin Sens. 1B, Aquatic Chronic 1; H315 H317 H410			
127-51-5	3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one (ALPHA-ISOMETHYL IONONE)			1.5 - < 2 %
	204-846-3			
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B, Aquatic Chronic 2; H315 H319 H317 H411			
118-58-1	benzyl salicylate (BENZYL SALICYLATE)			1.5 - < 2 %
	204-262-9	607-754-00-5		
	Eye Irrit. 2, Skin Sens. 1B, Aquatic Chronic 3; H319 H317 H412			
14901-07-6	4-(2,6,6-trimethylcyclohex-1-ene-1-yl)-but-3-ene-2-one			1.5 - < 2 %
	238-969-9			
	Aquatic Chronic 2; H411			
5462-06-6	3-(p-methoxyphenyl)-2-methylpropionaldehyde (METHOXYHYDRATROPALDEHYDE)			0.3 - < 0.5 %
	226-749-5			
	Skin Sens. 1B; H317			
1205-17-0	a-methyl-1,3-benzodioxole-5-propionaldehyde (METHYLENEDIOXYPHENYL METHYLPROPANAL)			0.3 - < 0.5 %
	214-881-6			
	Repr. 2, Skin Sens. 1B, Aquatic Chronic 2; H361 H317 H411			
99-49-0	carvone (ISO); 2-methyl-5-(prop-1-en-2-yl)cyclohex-2-en-1-one (CARVONE)			0.3 - < 0.5 %
	202-759-5	606-148-00-8		
	Acute Tox. 4, Skin Sens. 1; H302 H317			
103-95-7	3-p-cumenyl-2-methylpropionaldehyde (CYCLAMEN ALDEHYDE)			0.3 - < 0.5 %
	203-161-7			
	Skin Irrit. 2, Skin Sens. 1B, Aquatic Chronic 3; H315 H317 H412			
5392-40-5	citral (CITRAL)			0.3 - < 0.5 %
	226-394-6	605-019-00-3		
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1; H315 H319 H317			
101-86-0	a-hexylcinnamaldehyde (HEXYL CINNAMAL)			0.3 - < 0.5 %
	202-983-3			
	Skin Sens. 1B, Aquatic Acute 1, Aquatic Chronic 2; H317 H400 H411			
54982-83-1	1,4-dioxacyclohexadecane-5,16-dione			0.3 - < 0.5 %
	259-423-6			
	Aquatic Acute 1, Aquatic Chronic 3; H400 H412			

78-70-6	linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool (LINALOOL)			0.3 - < 0.5 %
	201-134-4	603-235-00-2		
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B; H315 H319 H317			
120-57-0	Piperonal (HELIOTROPINE)			0.3 - < 0.5 %
	204-409-7			
	Repr. 2, Skin Sens. 1B; H361fd H317			
1506-02-1	1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (ACETYL HEXAMETHYL TETRALIN)			0.3 - < 0.5 %
	216-133-4			
	Acute Tox. 4, Aquatic Acute 1, Aquatic Chronic 1; H302 H400 H410			

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		
100-79-8	202-888-7	2,2-dimethyl-1,3-dioxolan-4-ylmethanol (ISOPROPYLIDENEGLYCEROL)	85 - < 90 %
	oral: LD50 = 7000 mg/kg		
120-51-4	204-402-9	benzyl benzoate	3 - < 5 %
	oral: ATE = 500 mg/kg Aquatic Acute 1; H400: M=1		
99-49-0	202-759-5	carvone (ISO); 2-methyl-5-(prop-1-en-2-yl)cyclohex-2-en-1-one (CARVONE)	0.3 - < 0.5 %
	oral: ATE = 500 mg/kg		
1506-02-1	216-133-4	1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (ACETYL HEXAMETHYL TETRALIN)	0.3 - < 0.5 %
	oral: ATE = 500 mg/kg		

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

First aider: Pay attention to self-protection!

After inhalation

If irritations or allergic reactions should occur as a consequence of handling the product (particularly if large quantities have been inhaled): Move victim to fresh air. Put victim at rest and keep warm. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Change contaminated clothing. In case of skin irritation, consult a physician.

After contact with eyes

Remove contact lenses. In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth, spit liquid again. Do NOT induce vomiting. Let water be drunken in little sips (dilution effect). Call a physician in any case!

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

Irritations upon eye contact and irritations/allergic reactions upon contact with skin.

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

Co-ordinate fire-fighting measures to the fire surroundings.
Water fog. alcohol resistant foam. Carbon dioxide (CO_2).

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. Carbon dioxide. Irritating/poisonous gasses and vapours.

5.3. Advice for firefighters

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

Additional information

Suppress gases/vapours/mists with water spray jet.
Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains.
Use water spray jet to protect personnel and to cool endangered containers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Provide adequate ventilation. Avoid contact with skin, eyes and clothes. Wear personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment and cleaning up

For containment

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).
Treat the recovered material as prescribed in the section on waste disposal.

For cleaning up

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
Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

When in use in confined, warm rooms: Ensure adequate ventilation. Do not spray on naked flames or any incandescent material. Avoid contact with skin and eyes.
At the place of work (in production and when refilling): Wear personal protection equipment.
Do not empty into drains; dispose of this material and its container in a safe way.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Usual measures for fire prevention.

Advice on general occupational hygiene

Avoid contact with skin, eyes and clothes. Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink.

Further information on handling

When using do not eat, drink or smoke. Wash hands before breaks and after work.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.
Keep only in the original container.

Hints on joint storage

Keep away from food, drink and animal feedingstuffs.
Keep away from: Oxidizing agents. Peroxides. acid. Acid chlorides, inorganic. Ammonia.

Further information on storage conditions

Protect from sunlight and heat sources. Avoid ignition sources.

7.3. Specific end use(s)

Air freshener

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

CAS No	Substance	ppm	mg/m³	fib/cm³	Category	Origin
5392-40-5	Citral (Inhalable Fraction and Vapour)	5	-		TWA (8 h)	

DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
78-70-6	linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool (LINALOOL)			
Worker DNEL, long-term		inhalation	systemic	2,8 mg/m³
Worker DNEL, acute		inhalation	systemic	16,5 mg/m³
Worker DNEL, long-term		dermal	systemic	2,5 mg/kg bw/day
Worker DNEL, acute		dermal	systemic	5 mg/kg bw/day

PNEC values

CAS No	Substance	
Environmental compartment		Value
78-70-6	linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool (LINALOOL)	
Freshwater		0,2 mg/l
Marine water		0,02 mg/l
Freshwater sediment		2,22 mg/kg
Marine sediment		0,222 mg/kg
Micro-organisms in sewage treatment plants (STP)		10 mg/l
Soil		0,327 mg/kg

Additional advice on limit values

Currently there are no further exposure limits available.

8.2. Exposure controls

Appropriate engineering controls

Ensure adequate ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection

Under normal usage conditions, not necessary.
At the place of work (in production and when refilling): Eye glasses with side protection

Hand protection

Within the recommended use no hand protection is required, as the product does not come into contact with skin.
At the place of work (in production and when refilling):
Protective gloves according to EN 374. Glove material: nitrile rubber / NBR (layer thickness>=0,5mm, penetration time: >8h)
When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Under normal usage conditions, not necessary.
At the place of work (in production and when refilling): Protective clothing.

Respiratory protection

Under normal usage conditions, not necessary.
At the place of work (in production and when refilling):
exceeding exposure limit values: gas filtering equipment (EN 141).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	colourless
Odour:	characteristic
Melting point/freezing point:	No data available
Boiling point or initial boiling point and boiling range:	No data available
Flammability:	not applicable
Lower explosion limits:	No data available
Upper explosion limits:	No data available
Flash point:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH-Value:	No data available
Viscosity / kinematic:	No data available
Water solubility:	No data available

Solubility in other solvents

No data available

Dissolution rate:	No data available
Partition coefficient n-octanol/water:	No data available
Dispersion stability:	No data available
Vapour pressure: (at 20 °C)	No data available
Vapour pressure:	No data available
Density:	No data available
Relative density:	No data available
Bulk density:	No data available
Relative vapour density:	No data available
Particle characteristics:	No data available

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

No data available

Sustaining combustion:	No data available

Self-ignition temperature

Gas: No data available

Oxidizing properties

No data available

Other safety characteristics

Evaporation rate: No data available

Solvent separation test: No data available

Viscosity / dynamic: No data available

Flow time: No data available

Further Information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactivity under regular conditions.

10.2. Chemical stability

The product is stable under normal environmental conditions (room temperature).

10.3. Possibility of hazardous reactions

No dangerous reactions to be expected if used properly.

10.4. Conditions to avoid

Heat sources, open flames and other ignition sources.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

In case of fire may be liberated: Carbon monoxide. Carbon dioxide. Irritating/poisonous gasses and vapours.

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.

ATEmix calculated

ATE (oral) 13333 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
100-79-8	2,2-dimethyl-1,3-dioxolan-4-ylmethanol (ISOPROPYLIDENEGLYCEROL)				
	oral	LD50 7000 mg/kg	Rat		
120-51-4	benzyl benzoate				
	oral	ATE 500 mg/kg			
99-49-0	carvone (ISO); 2-methyl-5-(prop-1-en-2-yl)cyclohex-2-en-1-one (CARVONE)				
	oral	ATE 500 mg/kg			
1506-02-1	1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (ACETYL HEXAMETHYL TETRALIN)				
	oral	ATE 500 mg/kg			

Irritation and corrosivity

Serious eye damage/eye irritation: Causes serious eye irritation.
Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

May cause an allergic skin reaction. (1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one (TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES); 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl) -3-buten-2-one (ALPHA-ISOMETHYL IONONE); benzyl salicylate (BENZYL SALICYLATE); 3-(p-methoxyphenyl)-2-methylpropionaldehyde (METHOXYHYDRATROPALDEHYDE); a-methyl-1,3-benzodioxole-5-propionaldehyde (METHYLENEDIOXYPHENYL METHYLPROPANAL); carvone (ISO); 2-methyl-5-(prop-1-en-2-yl)cyclohex-2-en-1-one (CARVONE); 3-p-cumenyl-2-methylpropionaldehyde (CYCLAMEN ALDEHYDE); citral (CITRAL); a-hexylcinnamaldehyde (HEXYL CINNAMAL); linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool (LINALOOL); Piperonal (HELIOTROPINE))

Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.
Carcinogenicity: Based on available data, the classification criteria are not met.
Reproductive toxicity: 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.

Aspiration hazard

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

11.2. Information on other hazards

Endocrine disrupting properties

Endocrine disrupting properties: 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one (TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES); benzyl salicylate (BENZYL SALICYLATE).

SECTION 12: Ecological information

12.1. Toxicity

Harmful to aquatic life with long lasting effects.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] | [d]	Species	Source	Method
120-51-4	benzyl benzoate					
	Acute fish toxicity	LC50 <=1 mg/l	96 h		supplier statement	

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
78-70-6	linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool (LINALOOL)	2,9

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

The mixture contains the following substances fulfilling the PBT criteria according to REACH, annex XIII: 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one (TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES).
The mixture contains the following substances fulfilling the vPvB criteria according to REACH, annex XIII: 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one (TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES).

12.6. Endocrine disrupting properties

Endocrine disrupting properties: 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one (TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES); benzyl salicylate (BENZYL SALICYLATE); 1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (ACETYL HEXAMETHYL TETRALIN).

12.7. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not dispose of residual product with household waste and do not empty into the sink or toilet.
Content/container must be handed in at a certified special waste collection point.
According to the European Waste Catalogue (EWC), allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

List of Wastes Code - contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.
Recommended cleaning agent: Water (with cleaning agent)

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No special precautions known.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

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

Information according to Directive 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Additional information

Regulation (EC) No. 648/2004 [Detergents regulation]: not applicable
Regulation (EC) No. 1005/2009 on substances that lead to the depletion of the ozone layer: not applicable
Regulation (EC) No 2019/1021 on persistent organic pollutants: not applicable
Regulation (EC) No 649/2012 of the European Parliament and of the Council concerning the export and import of dangerous chemicals: This mix contains no chemicals that are subject to the export notification procedures (annex 1).
This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: none
This mixture contains the following substances of very high concern (SVHC) which are subject to authorisation according to Annex XIV of REACH: none

National regulatory information

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

Additional information

Observe in addition any national regulations!

15.2. Chemical safety assessment

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

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 1,2,6,9,11,12,16.
Version 1,00 - 05.07.2019 - first creation
Version 1,00 - 22.03.2024 - General update

Abbreviations and acronyms

Acute Tox: Acute toxicity
Skin Irrit: Skin irritation
Eye Irrit: Eye irritation
Skin Sens: Skin sensitisation
Repr: Reproductive toxicity
Aquatic Acute: Acute aquatic hazard
Aquatic Chronic: Chronic aquatic hazard
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
BImSchV (Fed.Imm.Prot.Act): Directive on the Implementation of the Federal Immission Protection Act
CAS: Chemical Abstracts Service
DIN: Norm of the Deutsche Institut für Normung (German Institute for Standardization)
EC: Effective Concentration
EG: European Community (Europäische Gemeinschaft)
EN: European Norm
IATA: International Air Transport Association
IBC Code: International Code for the Construction and Equipment of ships carrying Dangerous Chemicals in Bulk
ICAO: International Civil Aviation Organization
IMDG: International Maritime Code for Dangerous Goods
ISO: Norm of the International Standards Organization
CLP: Classification, Labeling, Packaging
IUCLID: International Uniform ChemicaL Information Database
LC: Lethal concentration
LD: Lethal dose
log Kow: Octanol/water partition coefficient
MARPOL: Maritime Pollution Convention = Convention for the Prevention of Maritime Pollution from Ships
OECD: Organisation for Economic Co-operation and Development
PBT: Persistent, bio-cumulative, toxic
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail
TRGS: Technische Regeln für Gefahrstoffe
UN: United Nations
VOC: Volatile Organic Compounds
vPvB: very persistent and very bio-cumulative
VwVwS: Administrative Regulation for Water Pollutants
WGK: German Water Hazard Class
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
DNEL: Derived No Effect Level
PNEC: Predicted No Effect Concentration
TLV: Threshold Limiting Value
STOT: Specific Target Organ Toxicity

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

Classification	Classification procedure
Eye Irrit. 2; H319	Calculation method
Skin Sens. 1; H317	Calculation method
Aquatic Chronic 3; H412	Calculation method

Relevant H and EUH statements (number and full text)

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

H361	Suspected of damaging fertility or the unborn child.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Further Information

The information given in this safety data sheet is to describe the product's safety regulations. It is not for guaranteeing certain characteristics and is based on today's knowledge. The safety data sheet was generated upon information of pre-suppliers by:

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