SAFETY DATA SHEET



Urethane 90 SF Resin

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

1.1 Product identifier

Product name	: Urethane 90 SF Resin
UFI	: AWX0-90Y6-D00E-17S5
Product code	: 105191
Color	: Tan.

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

Identified uses	
wo-component glue-Polyurethane liquidResin	

1.3 Details of the supplier of the safety data sheet

WEICON GmbH & Co. KG Königsberger Str. 255 48157 Münster	
Germany	
Phone: +49 251 93220	
Fax: +49(0)251 / 9322 - 244	
Internet: www.weicon.de	
e-mail address of person responsible for this SDS	: msds@weicon.de

1.4 Emergency telephone number

Telephone number	: EMERGENCY CONTACT – UK, UAE, South Africa (24h): Tel: ++44 1865 407333 (English)
	TRANSPORT EMERGENCY CONTACT - UK, UAE, South Africa (24h): Tel: ++44 1865 407333 (English)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Aquatic Chronic 3, H412

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Signal word Hazard statements Brocoutionery statements	 No signal word. H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements Prevention Response	 P273 - Avoid release to the environment. Not applicable.
Storage Disposal	Not applicable.P501 - Dispose of waste according to applicable legislation.

Date of issue/Date of revision : 10/20/20	2 Date of previous issue	: 10/19/2022	Version : 3.01	1/13
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emental label hts	: Not applicable.
XVII - Restrictions manufacture, g on the market and certain dangerous nces, mixtures and	: Not applicable.

2.3 Other hazards
 Product meets the criteria for PBT or vPvB according vPvB.
 to Regulation (EC) No.
 1907/2006, Annex XIII
 Other hazards which do not result in classification
 This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
 Solution (EC) No.
 Solution (EC) No.</li

SECTION 3: Composition/information on ingredients

Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
Poly(oxy-1,2-ethanediyl),α- hydro-ω-hydroxy- Ethane- 1,2-diol, ethoxylated	REACH #: 01-2119958801-32 EC: 500-038-2 CAS: 25322-68-3	≤10	Acute Tox. 4, H302	ATE [Oral] = 500 mg/kg	[1] [2]
bis(isopropyl)naphthalene	REACH #: 01-2119565150-48 EC: 254-052-6 CAS: 38640-62-9	<2.5	Asp. Tox. 1, H304 Aquatic Chronic 1, H410	M [Chronic] = 1	[1]
Ethylenediamine, propoxylated	REACH #: 01-2119471485-32 EC: 500-035-6 CAS: 25214-63-5	≤3	Eye Irrit. 2, H319	-	[1]
			See Section 16 for the full text of the H statements declared above.		

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Type

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact	 Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Date of issue/Date of revision

Skin contact	: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	: Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomitin unless directed to do so by medical personnel.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training.

4.2 Most important symptoms and effects, both acute and delayed

Over-exposure signs/symptoms

Eye contact	:	No specific data.
Inhalation	:	No specific data.
Skin contact	:	No specific data.
Ingestion	:	No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific treatments	: No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: None known.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture	In a fire or if heated, a pressure increase will occur and the container may burst. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Hazardous combustion products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides
5.3 Advice for firefighters	
Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
	processe equipment.

SECTION 6: Accidental release measures

For emergency responders	:	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
6.2 Environmental precautions	:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.
6.3 Methods and materials for containment and cleaning up	:	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
6.4 Reference to other sections	:	See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance.

7.1 Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

7.3 Specific end use(s)	
Recommendations	: Not available.
Industrial sector specific solutions	: Not available.

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

8.1 Control parameters

Occupational exposure limits

SECTION 8: Exposure controls/personal protection

Product/ingredient name	Exposure limit values
Poly(oxy-1,2-ethanediyl),α-hydro-ω-hydroxy- Ethane-1,2-diol, ethoxylated	 DFG MAC-values list (Germany, 10/2021). TWA: 200 mg/m³ 8 hours. Form: inhalable fraction PEAK: 400 mg/m³, 4 times per shift, 15 minutes. Form: inhalable fraction TRGS 900 OEL (Germany, 7/2021). PEAK: 400 mg/m³ 15 minutes. Form: inhalable fraction TWA: 200 mg/m³ 8 hours. Form: inhalable fraction

Recommended monitoring procedures	: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be
	documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

Product/ingredient name	Туре	Exposure	Value	Population	Effects
Poly(oxy-1,2-ethanediyl),α-hydro-ω- hydroxy- Ethane-1,2-diol, ethoxylated	DNEL	Long term Oral	0.059291667 mg/kg bw/ day	General population	Systemic
	DNEL	Long term Inhalation	0.103115942 mg/m ³	General population	Systemic
	DNEL	Long term Dermal	0.118583333 mg/kg bw/ day	General population	Systemic
	DNEL	Long term Dermal	0.237166667 mg/kg bw/ day	Workers	Systemic
	DNEL	Long term Inhalation	0.418162281 mg/m ³	Workers	Systemic
bis(isopropyl)naphthalene	DNEL	Long term Oral	0.85 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0.85 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	1.48 mg/m ³	General population	Systemic
	DNEL	Long term Dermal	2.38 mg/ kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	8.4 mg/m³	Workers	Systemic
Ethylenediamine, propoxylated	DNEL	Long term Oral	3 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	3 mg/kg bw/day	General population	Systemic

SECTION 8: Exposure controls/personal protection						
DNEL Long term Dermal 5 mg/kg Workers Systemic bw/day bw/day bw/day bw/day bw/day bw/day						
DNEL	Long term Inhalation	10.4 mg/m ³	General population	Systemic		
DNEL	Long term Inhalation	35.2 mg/m ³	Workers	Systemic		

PNECs

No PNECs available.

8.2 Exposure controls	
Appropriate engineering controls	: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Individual protection meas	sures
Hygiene measures	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
Skin protection	
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. Recommended : 1 - 4 hours (breakthrough time): nitrile rubber ; 4 - 8 hours (breakthrough time): Viton®/butyl rubber
Body protection	 Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	 Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Recommended : organic vapor (Type AX) and particulate filter
Environmental exposure controls	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1 Information on basic phy	vsical and chemical properties		
<u>Appearance</u>			
Physical state	: Liquid.		
Color	: Tan.		
Odor	: Faint odor.		
Odor threshold	: Not available.		
Date of issue/Date of revision	: 10/20/2022 Date of previous issue	: 10/19/2022	Version : 3.01

6/13

Melting point/freezing point	: Not available.
Initial boiling point and boiling range	: >200°C (>392°F)
Flammability	: Highly flammable in the presence of the following materials or conditions: oper flames, sparks and static discharge. Flammable in the presence of the following materials or conditions: heat.
Upper/lower flammability or explosive limits	: Not available.
Flash point	: Closed cup: >120°C (>248°F)
Auto-ignition temperature	: Not applicable.
Decomposition temperature	: Not available.
рН	: Not applicable.
Viscosity	: Dynamic: 3100 mPa·s
Solubility(ies)	:
Not available.	
Solubility in water	: Not available.
Miscible with water	: No.
Partition coefficient: n-octanol/ water	: Not applicable.
Vapor pressure	: 0.2 kPa (1.5001 mm Hg)
Relative density	: Not available.
Density	: 1.65 g/cm³ [20°C (68°F)]
Vapor density	: Not available.
Explosive properties	: Not available.
Oxidizing properties	: Not available.
Particle characteristics	
Median particle size	: Not applicable.
Fire point	: 370°C
SADT	: Not available.
SAPT	: Not available.

SECTION 10: Stability and reactivity

10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	: The product is stable.
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	: No specific data.
10.5 Incompatible materials	: No specific data.
10.6 Hazardous decomposition products	: Reactive or incompatible with the following materials: oxidizing materials.

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 - Germany

Urethane 90 SF Resin

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Conclusion/Summary : Not available.

Acute toxicity estimates

Route	ATE value
Oral	8000 mg/kg

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Poly(oxy-1,2-ethanediyl),α- hydro-ω-hydroxy- Ethane- 1,2-diol, ethoxylated	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	500 mg	-
Conclusion/Summary	: Not available.				
Conclusion/Summary	: Not available.				

Sensitization		
Conclusion/Summary	:	Not available.
<u>Mutagenicity</u>		
Conclusion/Summary	:	Not available.
Carcinogenicity		
Conclusion/Summary	:	Not available.
Reproductive toxicity		
Conclusion/Summary	:	Not available.
Teratogenicity		
Conclusion/Summary	:	Not available.
Specific target organ toxici	<u>ty (</u>	<u>single exposure)</u>

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Product/ingredient name	Result	
bis(isopropyl)naphthalene	ASPIRATION HAZARD - Category 1	

Information on the likely routes of exposure	: Not available.	
Potential acute health effec	<u>S</u>	
Eye contact	: No known significant effects or critical hazards.	
Inhalation	: No known significant effects or critical hazards.	
Skin contact	: No known significant effects or critical hazards.	
Ingestion	: No known significant effects or critical hazards.	
Symptoms related to the ph	vsical, chemical and toxicological characteristics	
Eye contact	: No specific data.	
Inhalation	: No specific data.	
Skin contact	: No specific data.	
Date of issue/Date of revision	: 10/20/2022 Date of previous issue : 10/19/2022	Version : 3.01 8/13

SECTION 11: Toxicological information

Ingestion

: No specific data.

Delayed and immediate effec	ts and also chronic effects from short and long term exposure	
<u>Short term exposure</u>		
Potential immediate effects	: Not available.	
Potential delayed effects	: Not available.	
Long term exposure		
Potential immediate effects	: Not available.	
Potential delayed effects	: Not available.	
Potential chronic health effe	ects	
Not available.		
Conclusion/Summary	: Not available.	
General	: No known significant effects or critical hazards.	
Carcinogenicity	: No known significant effects or critical hazards.	
Mutagenicity	: No known significant effects or critical hazards.	
Teratogenicity	: No known significant effects or critical hazards.	
Developmental effects	: No known significant effects or critical hazards.	
Fertility effects	: No known significant effects or critical hazards.	

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Not available.

11.2.2 Other information

Not available.

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
Poly(oxy-1,2-ethanediyl),α- hydro-ω-hydroxy- Ethane- 1,2-diol, ethoxylated	Acute LC50 >1000000 µg/l Fresh water	Fish - Salmo salar - Parr	96 hours
Conclusion/Summary	: Not available.		

12.2 Persistence and degradability

Conclusion/Summary : Not available.

12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
Poly(oxy-1,2-ethanediyl),α- hydro-ω-hydroxy- Ethane- 1,2-diol, ethoxylated	-	3.2	low
bis(isopropyl)naphthalene	6.081	1800 to 6400	high
Ethylenediamine, propoxylated	-1.56 to 1.82	-	low

12.4 Mobility in soil

Date of issue/Date of revision	: 10/20/2022	Date of previous issue	: 10/19/2022	ν
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SECTION 12: Ecological information

Soil/water partition coefficient (Koc) Mobility : Not available.

: Not available.

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Endocrine disrupting properties

Not available.

12.7 Other adverse effects

No known significant effects or critical hazards.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product

1104401	
Methods of disposal	: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Hazardous waste : The classification of the product may meet the criteria for a hazardous waste.

European waste catalogue (EWC)

Waste code	Waste designation
08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances
Packaging	•
Methods of disposal	: The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
Type of packaging	European waste catalogue (EWC)
15 01 10*	packaging containing residues of or contaminated by hazardous substances

Special precautions

: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

	ADR/RID	IME	DG	IATA	
14.1 UN number	Not available.	Not available.		Not available.	
14.2 UN proper shipping name	Not available.	Not available.		Not available.	
Date of issue/Date of re	vision : 10/20/2022	Date of previous issue	: 10/19/2022	Version : 3.01	10/13

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 - Germany

Urethane 90 SF Resin

		Not available.
-	-	-
No.	No. Not available.	No.
	- No. Not available.	Not available.

Additional information

14.6 Special precautions for user	:	Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
14.7 Transport in bulk according to IMO instruments	:	Not available.

SECTION 15: Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorization

Annex XIV			
None of the components are listed			
Substances of very high concer	<u>n</u>		
None of the components are listed			
Annex XVII - Restrictions : Not on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	applicable.		
Restrictions on Manufacture, Mar	<u>keting and Use</u>		
CountryProduct name	Conc.	Designation	Usage
Other EU regulationsIndustrial emissions: Not(integrated pollutionprevention and control) -Air	listed		
Industrial emissions : Not (integrated pollution prevention and control) - Water	listed		
Ozone depleting substances (100	<u>5/2009/EU)</u>		
Not listed.			
Prior Informed Consent (PIC) (649 Not listed.	<u>9/2012/EU)</u>		

SECTION 15: Regulatory information

Persistent Organic Pollutants

Not listed.

Seveso Directive

This product is not controlled under the Seveso Directive.

National regulations

Storage class (TRGS 510) : 10

Hazardous incident ordinance

This product is not controlled under the Germany Hazardous Incident Ordinance.

Hazard class for water	: 2
Technical instruction on air quality control	: TA-Luft Number 5.2.5: 2.7-15%
AOX	: The product does not contain organically bound halogens which could lead to an AOX value in waste water.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list

Australia	:	All components are listed or exempted.
Canada	:	All components are listed or exempted.
China	:	All components are listed or exempted.
Eurasian Economic Union	:	Russian Federation inventory: All components are listed or exempted.
Japan	:	Japan inventory (CSCL): All components are listed or exempted. Japan inventory (ISHL): Not determined.
New Zealand	:	All components are listed or exempted.
Philippines	:	All components are listed or exempted.
Republic of Korea	:	All components are listed or exempted.
Taiwan	:	All components are listed or exempted.
Thailand	:	All components are listed or exempted.
Turkey	:	Not determined.
United States	:	All components are active or exempted.
Viet Nam	:	All components are listed or exempted.
15.2 Chemical Safety Assessment	:	This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and acronyms	 ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard statement N/A = Not available PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RRN = REACH Registration Number
	RRN = REACH Registration Number SGG = Segregation Group vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Aquatic Chronic 3, H412	Calculation method

Full text of abbreviated H statements

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H319	Causes serious eye irritation.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Full text of classifications [CLP/GHS]

Acute Tox. 4 Aquatic Chronic 1 Aquatic Chronic 3 Asp. Tox. 1 Eye Irrit. 2		ACUTE TOXICITY - Category 4 AQUATIC HAZARD (LONG-TERM) - Category 1 AQUATIC HAZARD (LONG-TERM) - Category 3 ASPIRATION HAZARD - Category 1 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
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Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.