

**SAFETY DATA SHEET**  
**According to Regulation (EC) No 1907/2006**

Page 1 of 13

Trade name:	WOOD.PROTECTOR		
Product code:	Date of compilation:	01.01.2019	Version: 4

<b>SECTION 1: Identification of the substance/mixture and of the company/undertaking</b>	
<b>1.1. Product identifier</b>	
Trade name:	WOOD PROTECTOR
Chemical name:	
Catalogue number:	
<b>1.2. Relevant identified uses of the substance or mixture and uses advised against</b>	
Uses:	Protection of wood chuck against cracking
Uses advised against:	Other uses
Reason why uses advised against:	Incompatibility
<b>1.3. Details of the supplier of the safety data sheet</b>	
Supplier:	Liquid Solutions e.U.
Address:	Betriebsgelände Süd Straße C8, A-3071 Böheimkirchen
Telephone number:	0043 650 6621766
Telefax:	
e-mail of competent person:	office@liquidsolutions.at
National contact:	
<b>1.4. Emergency telephone number</b>	
National Protection and Rescue Directorate:	112
Medical information:	+43 1 406 43 43 (AUSTRIA)
Other information:	

<b>SECTION 2. Hazards identification</b>	
<b>2.1. Classification of the substance or mixture</b>	
<b>2.1.1. Classification according to Regulation (EC) No 1272/2008 (CLP)</b>	
Hazard class and category code:	Hazard statement*:
-	-
<b>2.1.2. Additional information</b>	
-	
* For full text of Hazard- and EU Hazard-statements: see SECTION 16	
<b>2.2. Label elements</b>	
Product identification:	WOOD PROTECTOR
Identification number:	-
Authorisation number:	-
Hazard pictograms:	-
Signal word:	-
Hazard statement:	-
Precautionary statement:	-

**SAFETY DATA SHEET**  
**According to Regulation (EC) No 1907/2006**

Page 2 of 13

Trade name:	WOOD.PROTECTOR		
Product code:	Date of compilation:	01.01.2019	Version: 4

Supplemental hazard information (EU):	-
2.3. Other hazards	-

**SECTION 3. Composition/information on ingredients**

CAS/ EC/ Index number	REACH Registration No	Weight % content (or range)	Identification name	Classification according to Regulation (EC) No 1272/2008 (CLP)
CAS:112-34-5 EC: 203-961-6 Indeks: 603-096-00-8	01-2119475104-44-xxxx	1 – 1,5	Butyl diglycol	H 319 Eye Irrit. 2

**SECTION 4. First aid measures**

4.1. Description of first aid measures	General notes:	
	Following inhalation:	Move to fresh air
	Following skin contact:	Remove contaminated clothing and shoes Wash off with soap and water
	Following eye contact:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician
	Following ingestion:	<b>Do not induce vomiting</b>
	Self-protection of the first aider	Consult this MSDS
4.2. Most important symptoms and effects, both acute and delayed	Following inhalation: None known	
	Following skin contact: None known	
	Following eye contact: Not classified for acute	
	Following ingestion: Not classified for acute	
4.3. Indication of any immediate medical attention and special treatment needed		

**SECTION 5. Firefighting measures**

5.1. Extinguishing media	Suitable extinguishing media: Use CO2, dry chemical, or foam	
	Unsuitable extinguishing media: Do not use a solid water stream as it may scatter and spread fire.	
5.2. Special hazards arising from the substance or mixture	Hazardous combustion products: No data	
5.3. Advice for firefighters	Wear protective equipment/clothing when fighting fires.	

**SAFETY DATA SHEET**  
**According to Regulation (EC) No 1907/2006**

Page 3 of 13

Trade name:	WOOD.PROTECTOR		
Product code:	Date of compilation:	01.01.2019	Version: 4

5.4. Additional information
Cool the container with water.

<b>SECTION 6. Accidental release measures</b>	
6.1. Personal precautions, protective equipment and emergency procedures	
6.1.1. For non-emergency personnel	
Protective equipment:	For personal protection see section 8
Accident prevention methods:	
Emergency procedures:	Prevent water and soil pollutions. Prevent spreading in sewers. In case of large pollution call to number 112.
6.1.2. For emergency responders:	
6.2. Environmental precautions:	
	Prevent water and soil pollutions. Prevent spreading in sewers.
6.3. Methods and material for containment and cleaning up	
6.3.1. Bunding, covering of drains; capping procedures:	Keep in suitable, closed containers for disposal
6.3.2. Cleaning up:	Take up with sand or other noncombustible absorbent material and place into containers for later disposal
6.3.3. Other information:	
6.4. Reference to other sections	
	See Section 12 for additional Ecological Information

<b>SECTION 7. Handling and storage</b>	
7.1. Precautions for safe handling	
7.1.1. Protective measures	
Measures to prevent fire:	Avoid open flames
Measures to prevent aerosol and dust generation:	-
Measures to protect the environment:	Do not spill
Other measures:	-
7.1.2. Advice on general occupational hygiene:	
	Do not smoke, eat or drink when handling product. Avoid skin and eyes contact.
7.2. Conditions for safe storage, including any incompatibilities	
Technical measures and storage conditions:	Properly labeled original container
Packaging materials:	-
Requirements for storage rooms and vessels:	Temperatures between +5°C and +35°C, avoid direct sunlight
Advices for storage equipment:	-

**SAFETY DATA SHEET**  
**According to Regulation (EC) No 1907/2006**

Page 4 of 13

Trade name:	WOOD.PROTECTOR			
Product code:	Date of compilation:	01.01.2019	Version:	4

Further information on storage conditions:	Avoid direct sunlight and freezing
<b>7.3.</b>	<b>Specific end use(s)</b>
Recommendations:	Protection of wood chunks
Industrial sector specific solutions:	-

**SECTION 8. Exposure controls/personal protection**

**8.1. Control parameters**

Substance	CAS No	Occupational exposure limit values/short term values		Biological limit values
		ppm	mg/m <sup>3</sup>	
-	-	-	-	-

Substance: -

EC No: - CAS No: -

**DNEL**

**Industrial**

Route of exposure:	Acute effect local	Acute effect systemic	Chronic effect local	Chronic effect systemic
Oral	-	-	-	-
Inhalation	-	-	-	-
Dermal	-	-	-	-

Critical physical parameters: solubility, flammability, corrosivity:

**Consumer**

Route of exposure:	Acute effect local	Acute effect systemic	Chronic effect local	Chronic effect systemic
Oral	-	-	-	-
Inhalation	-	-	-	-
Dermal	-	-	-	-

**PNEC**

Environmental protection target	PNEC
Fresh water	-
Freshwater sediments	-
Marine water	-
Marine sediments	-
Food chain	-
Microorganisms in sewage treatment	-
Soil (agricultural)	-
Air	-

**SAFETY DATA SHEET**  
**According to Regulation (EC) No 1907/2006**

Page 5 of 13

Trade name:	WOOD.PROTECTOR		
Product code:	Date of compilation:	01.01.2019	Version: 4

<b>8.2. Exposure controls</b>	
<b>8.2.1. Appropriate engineering controls</b>	
Substance/mixture related measures to prevent exposure during identified uses:	Apply technical measures to comply with the occupational exposure limits. When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment
Structural measures to prevent exposure:	Avoid contamination of water and soil
Organisational measures to prevent exposure:	Use protective equipment
Technical measures to prevent exposure:	Use protective equipment
<b>8.2.2. Personal protection equipment:</b>	
8.2.2.1. Eye and face protection:	Safety glasses with side-shields
8.2.2.2. Skin protection:	Wear suitable protective clothing. Protective shoes or boots
Hand protection:	Protective gloves
Other skin protection:	Wear suitable protective clothing. Protective shoes or boots
8.2.2.3. Respiratory protection:	None under normal use conditions
8.2.2.4. Thermal hazards:	None
<b>8.2.3. Environmental exposure controls</b>	
Substance/mixture related measures to prevent exposure:	Avoid contamination of water and soil
Structural measures to prevent exposure:	-
Organisational measures to prevent exposure:	-
Technical measures to prevent exposure:	-

<b>SECTION 9. Physical and chemical properties</b>			
<b>9.1. Information on basic physical and chemical properties</b>			
		Value	Method
	Physical state:	Viscous liquid	
	Colour:	Various	
	Odour:	Mild	
	Odour threshold;	-	
	pH:	7 - 8	
	Melting point / freezing point;	0° C (for water)	

**SAFETY DATA SHEET**  
**According to Regulation (EC) No 1907/2006**

Page 6 of 13

Trade name:	WOOD.PROTECTOR			
Product code:		Date of compilation:	01.01.2019	Version: 4

Initial boiling point and boiling range:	100° C (for water)
Flash point:	No data
Evaporation rate:	No data
Flammability (solid, gas):	No data
Upper/lower flammability or explosive limits:	No data
Vapour pressure:	No data
Vapour density:	No data
Relative density	1,45 - 1,50 g/cm <sup>3</sup>
Bulk density:	1,45 - 1,50 g/cm <sup>3</sup>
Solubility(ies):	Mixes but not soluble with water
Partition coefficient: n-octanol/water (log Kow):	No data
Auto-ignition temperature:	No data
Decomposition temperature:	8000 - 9500 mPas
Viscosity:	No data
Explosive properties:	No data
Oxidising properties:	No data
9.2.	Other information

SECTION 10.: Stability and reactivity	
10.1.	Reactivity: Stable under normal conditions.
10.2.	Chemical stability: Product is stable during normal handling.
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: Under normal conditions of storage and use, hazardous decomposition products should not be produced

SECTION 11. Toxicological information					
11.1. Information on toxicological effects					
Acute toxicity:					
Route of exposure:	Method	Species	Effective Dose LD <sub>50</sub> /LC <sub>50</sub> or ATE <sub>mixture</sub>	Exposure time	Results
Oral:	-	-	-	-	-

**SAFETY DATA SHEET**  
**According to Regulation (EC) No 1907/2006**

Page 7 of 13

Trade name:	WOOD.PROTECTOR				
Product code:	Date of compilation:	01.01.2019	Version:	4	

Dermal:	-	-	-	-	-
Inhalation:	-	-	-	-	-

Specific target organ toxicity – single exposure (STOT SE):					
---	--	--	--	--	--

	Specific effects	Target organ	Note		
Oral:	-	-	-	-	-
Dermal:	-	-	-	-	-
Inhalation:	-	-	-	-	-

Aspiration hazard:					
--------------------	--	--	--	--	--

	-				
--	---	--	--	--	--

Irritation and corrosion:					
---------------------------	--	--	--	--	--

	Exposure time	Species	Evaluation	Method	Note
Skin corrosion/irritation	-	-	-	-	-
Serious eye damage/irritation	-	-	-	-	-

Sensitization					
---------------	--	--	--	--	--

Skin sensitization:	-				
Respiratory sensitization:	-				

Symptoms related to the physical, chemical and toxicological characteristics					
--	--	--	--	--	--

Oral exposure:	-				
Dermal exposure:	-				
Inhalation exposure:	-				
Eye exposure:	-				

Repeated dose toxicity (subacute, subchronic, chronic)					
--	--	--	--	--	--

	Dose	Exposure time	Species	Method	Evaluation	Note
Subacute oral	-	-	-	-	-	-
Subacute dermal	-	-	-	-	-	-
Subacute inhalation	-	-	-	-	-	-
Subchronic oral	-	-	-	-	-	-
Subchronic dermal	-	-	-	-	-	-
Subchronic inhalation	-	-	-	-	-	-
Chronic oral	-	-	-	-	-	-
Chronic dermal	-	-	-	-	-	-
Chronic inhalation	-	-	-	-	-	-

**SAFETY DATA SHEET**  
**According to Regulation (EC) No 1907/2006**

Page 8 of 13

Trade name:	WOOD.PROTECTOR			
Product code:		Date of compilation:	01.01.2019	Version: 4

Specific target organ toxicity – repeated exposure (STOT RE):			
	Specific effects	Target organ	Note
Subacute oral	-	-	-
Subacute dermal	-	-	-
Subacute inhalation	-	-	-
Subchronic oral	-	-	-
Subchronic dermal	-	-	-
Subchronic inhalation	-	-	-
Chronic oral	-	-	-
Chronic dermal	-	-	-
Chronic inhalation	-	-	-
CMR effects (carcinogenicity; mutagenicity; reproductive toxicity)			
Carcinogenicity:	-		
Mutagenicity <i>in-vitro</i> :	-		
Genotoxicity:	-		
Mutagenicity <i>in-vivo</i> :	-		
Germ cell mutagenicity :	-		
Reproductive toxicity:	-		
Summary of evaluation of the CMR properties; :	-		
11.2.	Practical experiences:		
Classification observations:	-		
Other observations:	-		
11.3.	General notes:		

SECTION 12. Ecological information						
12.1. Toxicity						
Acute (short-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish:	LC <sub>50</sub>	96 hours	-	-	-	-
Crustacea:	EC <sub>50</sub>	48 hours	-	-	-	-
Algae/aquatic plants:	IC <sub>50</sub>	72 hours	-	-	-	-



**SAFETY DATA SHEET**  
**According to Regulation (EC) No 1907/2006**

Page 9 of 13

Trade name:	WOOD.PROTECTOR				
Product code:	Date of compilation:	01.01.2019	Version:	4	

Other organisms:						
Chronic (long-term) toxicity	Doza	Exposure time	Species	Method	Evaluation	Note
Fish:	LC <sub>50</sub>	96 hours	-	-	-	-
Crustacea:	EC <sub>50</sub>	48 hours	-	-	-	-
Algae/aquatic plants:	IC <sub>50</sub>	72 hours	-	-	-	-
Other organisms:	-	-	-	-	-	-

12.2. Persistence and degradability						
Abiotic degradation						
	Degradation half-lives		Method	Evaluation	Note	
Marine water	-	-	-	-	-	-
Fresh water	-	-	-	-	-	-
Air	-	-	-	-	-	-
Soil	-	-	-	-	-	-

Biodegradation						
% Degradation	Time (days)		Method	Evaluation	Note	
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

12.3. Bioaccumulative potential						
Octanol-water partition coefficient (log Kow)						
Value	Concentration	pH	°C	Method	Evaluation	Note
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

Bioconcentration factor (BCF)						
Value	Species		Method	Evaluation	Note	
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

Chronic ecotoxicity						
Value	Dose	Exposure time	Species	Method	Evaluation	Note

**SAFETY DATA SHEET**  
**According to Regulation (EC) No 1907/2006**

Page 10 of 13

Trade name:	WOOD.PROTECTOR			
Product code:		Date of compilation:	01.01.2019	Version: 4

Chronic toxicity on fish	LC <sub>50</sub>	-	-	-	-	-
Chronic toxicity on crustacea (Daphnia)	EC <sub>50</sub>	-	-	-	-	-

**12.4. Mobility in soil**

Known or predicted distribution in environmental compartments:

Surface tension:

	Value	°C	Concentration	Method	Note
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-

**Adsorption/desorption**

Transport	A/D coefficient Henry's constant	log Kow	Evaporation rate	Method	Note
Soil-Water	-	-	-	-	-
Water-Air	-	-	-	-	-
Soil-Air	-	-	-	-	-

**12.5. Results of PBT and vPvB assessment**

-

**12.6. Other adverse effects**

-

**SECTION 13. Disposal considerations**

**13.1. Waste treatment methods**

**13.1.1. Product/Packaging disposal:**

Must not be disposed together with household garbage. Do not allow product to reach sewage system. Dispose in safe manner in accordance with local/national regulation. Empty containers should be taken to an approved waste handling site for recycling or disposal.

**13.1.2. Waste codes/waste designations according to Law:**

08 01 16 aqueous sludges containing paint or varnish other than those mentioned in 08 01 15  
 15 01 02 plastic packaging

**SAFETY DATA SHEET**  
**According to Regulation (EC) No 1907/2006**

Trade name:	WOOD.PROTECTOR		
Product code:	Date of compilation:	01.01.2019	Version: 4

13.1.3.	Waste treatment – relevant information:
	No data
13.1.4.	Sewage disposal – relevant information:
	Do not dispose in sewage
13.1.5.	Other disposal recommendations:
	-
13.1.6.	Relevant Community provisions:
	-

**SECTION 14. Transport information**

Transporting/shipment by road (ADR)	
UN number:	Non-regulated
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Transporting/shipment by rail (RID)	
UN number:	Non-regulated
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Transporting/shipment by inland waterways (ADN)	
UN number:	Non-regulated
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Transporting/shipment by sea (IMDG)	
UN number:	Non-regulated
UN proper shipping name:	-
Transport hazard class(es):	-

**SAFETY DATA SHEET**  
**According to Regulation (EC) No 1907/2006**

Page 12 of 13

Trade name:	WOOD.PROTECTOR		
Product code:	Date of compilation:	01.01.2019	Version: 4

Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Transport in bulk according to Annex II of MARPOL73/78 and the IBC code:	-
Transporting/shipment by air (ICAO-TI/IATA-DGR)	
UN number:	Non-regulated
UN proper shipping name:	-
Transport hazard class(es):	-
Environmental hazards:	-
Special precautions for user:	-
Further information:	

<b>SECTION 15. Regulatory information</b>	
<b>15.1.</b>	Safety, health and environmental regulations/legislation specific for the substance or mixture
EU regulations	Authorisations and/or restrictions on use
Authorisations:	
Restrictions:	
Other EU regulations:	European Regulation (EC) No 1907/2006 European Regulation 2015/ 830
Information according 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline) A(i), 140 g/l, max 19 g/l	
National legislation:	
<b>15.2.</b>	Chemical safety assessment

<b>SECTION 16. Other information</b>	
16.1.	Indication of changes: -
16.2.	Abbreviations and acronyms: -
16.3.	Key literature references and source of data:
16.4.	Classification and procedure used to derive the classification for mixture according to Regulation (EC) 1272/2008 (CLP)
Classification	Classification procedure
-	-
16.5.	Relevant H statements (number and full text)

**SAFETY DATA SHEET**  
**According to Regulation (EC) No 1907/2006**

Page 13 of 13

Trade name:	WOOD.PROTECTOR		
Product code:	Date of compilation:	01.01.2019	Version: 4

H: 319	Eye Irrit. 2
16.6. Training advice:	
16.7. Further information:	

<b>ANNEX: Exposure scenario resulting to Chemical safety assessment</b>