MATERIAL SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006, 2020/878

Shell Premium Antifreeze G11 Ready to use -37°C
Date: 17.05.2024
Version EN: 1.0

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

1.1. Product identifier **Shell Premium Antifreeze G11 Ready to use -37°C**

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses: engine coolant, ready to use
Uses advised against: none

1.3. Details of the supplier of the safety data sheet
PPH PARYS Sp. z o.o.
ul. A. Walentynowicz 1, 20-328 Lublin
tel. +48 81 443 12 10, fax +48 81 443 12 55
e-mail: sekretariat@parys.pl
E-mail address of the person responsible for data sheet: marzec@parys.pl

1.4. Emergency telephone
112 (general emergency telephone number), 998 (fire-brigade), 999 (ambulance);

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Acc. to 1272/2008
Acute Tox. 4; H302
STOT RE 2; H373

Human health dangers:
Harmful if swallowed. May cause damage to organs (kidneys) through prolonged or repeated exposure (oral).
Environmental hazards:
None.
Physic-chemical hazards:
None.

2.2. Label elements
Contain: Ethane-1,2-diol

Pictograms:

Signal Word: Warning

Hazard Statement:
H302 – Harmful if swallowed.
H373 – May cause damage to organs (kidneys) through prolonged or repeated exposure (oral)

Precautionary Statement:
P102 – Keep out of reach of children.
P260 – Do not breathe vapours.
P264 – Wash hands and face thoroughly after handling.
P270 – Do not eat, drink or smoke when using this product.
P301+P312 – IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P330 – Rinse mouth.
P501 – Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3. Other hazards
The vapours can form flammable/explosive mixtures with air.

Annex XIII - Criteria for the identification of Persistent, Bioaccumulative and Toxic substances (BBT), and very Persistent and very Bioaccumulative substances (vPvB):
The mixture has no substances meeting the criteria as PBT or vPvB.

Substances with endocrine disrupting properties (in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100(3) or Commission Regulation (EU) 2018/605):
The mixture has no substances with endocrine disrupting properties.

SECTION 3: Composition/information on ingredients

3.1. Substances
Not applicable.

3.2. Mixtures
Hazardous ingredients:

Substance name	**contains %**	**Hazard Class and Category Code(s)**	**Hazard Statement Code(s) Suppl. Hazard statement Code(s)**	**- Specific Conc. Limits, - M-factors - ATEs**
Ethane-1,2-diol* CAS No.: 107-21-1 EC No.: 203-473-3 Index No.: 603-027-00-1 REACH No.: 01-2119456816-28-XXXX	47 – 52	Acute Tox. 4 STOT RE 2	H302 H373	-
Potassium hydroxide* CAS No.: 1310-58-3 EC No.: 215-181-3 Index No.: 019-002-00-8 REACH No.: 01-2119487136-33-XXXX	<0,2	Met. Corr. 1 Acute Tox. 4 Skin Corr. 1A	H290 H302 H314	Skin Corr. 1A; H314: C ≥ 5 % Skin Corr. 1B; H314: 2 % ≤ C < 5 % Skin Irrit. 2; H315: 0,5 % ≤ C < 2 % Eye Irrit. 2; H319: 0,5 % ≤ C < 2 %
Dipotassium tetraborate CAS No.: 12045-78-2 EC No.: 215-575-5 Index No.: - REACH No.: exemption acc. to art. 2, p.7, b	<0,2	Repr. 2	H361d	-

Full text of H-phrases in Section 16
*Substance for which workplace exposure limits are available

SECTION 4: First aid measures

4.1. Description of first aid measures
General remarks
First aid personnel should pay attention to their own safety.
Take off contaminated clothing.
Skin contact:
Wash with plenty of soap and water. In case of skin irritation seek medical attention.
Eye contact:
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Avoid strong stream, due to the risk of corneal damage. Get medical advice.
Inhalation:
Remove to fresh air. If the patient is likely to become unconscious, place and transport in stable sideways position - recovery position. Seek medical attention.
Ingestion:
Do not induce vomiting. Rinse mouth with water. Seek medical attention.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms: headache, dizziness, nausea, vomiting, weakness, loss of coordination, blurred vision, drowsiness, confusion or disorientation.
Inhalation of very large amounts of vapors affects the central nervous system, causing: respiratory depression, tremors or convulsions, loss of consciousness, coma or death.
As a result of inhalation exposure to concentrated glycol vapors, irritation of the respiratory tract, eye irritation, kidney dysfunction may occur.
In case of oral exposure, central nervous system disorders (loss of consciousness, convulsions, cerebral edema), circulatory system disorders (heart work, blood pressure disorders), pulmonary edema, kidney disorders may occur.
In contact with the eyes, it may cause irritation, pain and redness.

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: foam, dry powder extinguishers, CO_2, water spray. Use appropriate extinguishing method for conditions.
Unsuitable extinguishing media: Do not use a direct water jet.

5.2. Special hazards arising from the substance or mixture
In case of the fire, thermal decomposition products can be released: carbon oxides.

5.3. Advice for firefighters
The containers in fire area should be cooled with water spray, if it is possible removed from the danger zone.
Do not allow fire-fighting water run-off into surface water, groundwater and sewer.
In the event of a fire in a confined space should wear protective clothing and breathing apparatus with compressed air.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
For non-emergency personnel: Notify the appropriate service. Reduce access to the area of failure until the relevant cleaning operations have been completed. Avoid contact with the released product.
For emergency responders: Ensure adequate ventilation. Use personal protective equipment (according to section 8).

6.2. Environmental precautions
Do not allow this product to enter drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up
Prevent leakage and absorb with inert, absorbent material (such as sand, earth, vermiculite, diatomaceous earth, etc.). The contaminated material should be placed in properly labelled containers for disposal in accordance with applicable regulations.

6.4. Reference to other sections
Refer to protective measures listed in section 8.
Refer to disposal considerations listed in section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Provide adequate ventilation. Avoid breathing vapours of the product.
Avoid contact with the eyes and skin - use personal protective equipment according to section 8.
Keep away from ignition sources - no smoking.
Do not eat, drink or smoke while using the product. Wash your hands after using the product. Remove contaminated clothing and protective equipment from entering food areas.

7.2. Conditions for safe storage, including any incompatibilities
Store in a cool, dry, well-ventilated area in a properly labelled original container.
Do not store together with oxidizing agents and strong acids.

Avoid direct sunlight and sources of heat, hot surfaces and open flames.
Do not store together with foodstuffs.

7.3. Specific end use(s)
See section 1.2. - no additional recommendations

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
Occupational exposure limit values:

Substance	**Ethane-1,2-diol**			
CAS No.	**107-21-1**			
	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m³	ppm	mg/m³
Belgium	20 (1)(2)	52 (1)(2)	40 (1)(2)(3)	104 (1)(2)(3)
European Union	20	52	40 (1)	104 (1)
Finland	20	50	40 (1)	100 (1)
Hungary		52 (1)		104 (1)(2)
Italy	20 (1)	52 (1)	40 (1)(2)	104 (1)(2)
Norway	20 (1)	52 (1)	40 (1)(2)	104 (1)(2)
Romania	20	52	40 (1)	104 (1)
Sweden	10	25	40 (1)	104 (1)
The Netherlands		52 (1)		104 (1)(2)
	Remarks			
Belgium	(1) Additional indication "D" means that the absorption of the agent through the skin, mucous membranes or eyes is an important part of the total exposure. It can be the result of both direct contact and its presence in the air. (2) Additional indication "M" means that irritation occurs when the exposure exceeds the limit value or there is a risk of acute poisoning. The work process must be designed in such a way that the exposure never exceeds the limit value. For evaluation, the sampled period should be as short as possible. However, the sampled period shall be long enough to perform a reliable measurement. The measured result shall be related to the considered period. (3) 15 minutes average value			
European Union	(1) 15 minutes average value Bold-type: Indicative Occupational Exposure Limit Value (IOELV) ~ (for references see bibliography)			
Finland	(1) 15 minutes average value			
Hungary	(1) Skin (2) 15 minutes average value			
Italy	(1) Skin (2) 15 minutes average value			
Norway	(1) Skin (2) 15 minutes average value			
Romania	(1) 15 minutes average value			
Sweden	(1) 15 minutes average value			
The Netherlands	(1) Skin (2) 15 minutes average value			

Substance	**Ethane-1,2-diol, vapour**			
CAS No.	**107-21-1**			
	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m³	ppm	mg/m³
Austria	10	26	20	52
Denmark	10 (1)	26 (1)	20 (1)(2)	52 (1) (2)
European Union	20	52	40 (1)	104 (1)
France	20	52	40 (1)	104 (1)
Germany (AGS)	10 (1)(2)	26 (1)(2)	20 (1)(2)(3)	52 (1)(2)(3)
Germany (DFG)	10 (1)(2)	26 (1)(2)	20 (1)(2)(3)	52 (1)(2)(3)
Ireland	20	52	40 (1)	104 (1)
Italy	20 (1)	52 (1)	40 (1)(2)	104 (1)(2)
Poland		15		50
Spain	20 (1)	52 (1)	40 (1)(2)	104 (1)(2)

Sweden	10	25	20 (1)	50 (1)
The Netherlands		52		104
	Remarks			
Denmark	(1) Skin (2) 15 minutes average value			
European Union	(1) 15 minutes average value Bold-type: Indicative Occupational Exposure Limit Value (IOELV) ~ (for references see bibliography)			
France	Italic type: Indicative statutory limit values Skin (1) 15 minutes average value			
Germany (AGS)	(1) Inhalable fractionand vapour (2) Skin (3) 15 minutes average value			
Germany (DFG)	(1) Inhalable fraction and vapour (2) Skin (3) 15 minutes average value			
Ireland	(1) 15 minutes reference period			
Italy	(1) skin (2) 15 minutes average value			
Spain	(1) Skin (2) 15 minutes average value			
Sweden	(1) 15 minutes average value			

Substance	**Potassium hydroxide**			
CAS No.	**1310-58-3**			
	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m³	ppm	mg/m³
Austria		2 (1)		
Belgium				2 (1) (2)
Denmark		2		2 (1) (2)
Finland				2 (1)
France				2
Hungary		2		2 (1)
Ireland				2
Poland		0,5		1
Spain		2		
Sweden		1		2 (1)
	Remarks			
Austria	(1) inhalable aerosol			
Belgium	(1)Additional indication “M” means that irritation occurs when the exposure exceeds the limit value or there is a risk of acute poisoning. The work process must be designed in such a way that the exposure never exceeds the limit value. For evaluation, the sampled period should be as short as possible. However, the sampled period shall be long enough to perform a reliable measurement. The measured result shall be related to the considered period. (2) 15 minutes average value			
Denmark	(1) Skin (2) Ceiling limit value			
Finland	(1) Ceiling limit value			
Hungary	(1) 15 minutes average value			
Poland	(1) 15 minutes average value			
Sweden	(1) 15 minutes average value			

Ethane-1,2-diol
DNEL Industrial, inhalation, long-term, systemic: 35mg/m^3
DNEL Industrial, dermal, long-term, systemic: 106mg/kg
DNEL consumer, inhalation, long-term, systemic: 7mg/m^3
DNEL consumer, dermal, long-term, systemic: 53mg/kg
PNEC fresh water: 10mg/l
PNEC marine water: 1mg/l
PNEC sediment fresh: 20,9mg/kg
PNEC STP: 199mg/l

8.2. Exposure controls
Engineering controls:
General ventilation is recommended.

Observe occupational health and safety.
Wash hands during breaks and after working with the product.
Do not eat, drink or smoke while handling the product.
Take off contaminated clothing and wash it before reuse.

Individual protection measures, such as personal protective equipment:
Personal protective equipment should be selected according to the hazards present at the workplace, taking into account Regulation (EU) 2016/425 of the European Parliament and of the Council and in accordance with the relevant CEN standards.

Eye protection:
Safety goggles (according to EN ISO 16321-1:2022-10).
Skin protection:
Hands:
Appropriate chemical resistant gloves (EN 374)
Recommended material: nitrile rubber, neoprene
Thickness: >=0,4mm
Time of penetration: >240min. (protective index : 5) – short-term contact; >=480min. (protective index : 6) – long-term contact.
The selection of suitable gloves does not only depend on the material, but also on the brand and quality resulting from differences in manufacturers. Resistance of the material, the glove can be determined after the tests. The exact time of the destruction of the protective gloves must be determined by the manufacturer.
Other:
Wear protective clothing.
Respiratory Protection:
No requirements under normal condition of use.
In case of insufficient ventilation, use respiratory protection (mask completed with the filler or absorber of organic vapours type A).

Thermal hazards:
Not applicable.
Environmental exposure controls:
Prevent the spread in the environment and enter drains and watercourses.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

a)	Physical state	Liquid
b)	Colour	Blue
c)	Odour	Characteristic
d)	Melting point/freezing point *(Does not apply to gases)*	-37°C
e)	Boiling point or initial boiling point and boiling range	ok.105°C
f)	Flammability *(Applies to gases, liquids and solids)*	Non-flammable
g)	Lower and upper explosion limit *(Do not apply to solids)*	Ethane-1,2-diol: Lower: 3,2% vol. Upper: 15,3% vol.
h)	Flash point *(Does not apply to gases, aerosols and solids)*	No data available
i)	Auto-ignition temperature *(Only applies to gases and liquids)*	No data available

j)	Decomposition temperature *(Only applies to self-reactive substances and mixtures, organic peroxides, and other substances and mixtures that may decompose)*	Not applicable
k)	pH *(Does not apply to gases)*	8,0 – 9,0
l)	Kinematic viscosity *(Only applies to liquids)*	No data available
m)	Solubility	Soluble in water
n)	Partition coefficient n-octanol/water (log value)	Not applicable – mixture
o)	Vapour pressure	No data available
p)	Density and/or relative density *(Only apply to liquids and solids)*	1,068 – 1,071 g/cm^3
q)	Relative vapour density *(Only applies to gases and liquids)*	No data available
r)	Particle characteristics *(Only apply to solids)*	Not applicable

9.2. Other information
None.

SECTION 10: Stability and reactivity

10.1. Reactivity
Not reactive under normal condition of use and storage.
10.2. Chemical stability
Stable under normal conditions of use, storage and transport.
10.3. Possibility of hazardous reactions
None.
10.4. Conditions to avoid
Keep away from heat, open flames and sources of ignition.
10.5. Incompatible materials
Strong acids and oxidants.
10.6. Hazardous decomposition products
No decomposition under recommended conditions of use and storage.
Thermal decomposition products - see section 5.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

a)	Acute toxicity	**Harmful if swallowed**. ATE mix oral: 1000 mg/kg
b)	Skin corrosion/irritation	Based on the available data, the classification criteria are not met
c)	Serious eye damage/irritation	Based on the available data, the classification criteria are not met
d)	Respiratory or skin sensitization	Based on the available data, the classification criteria are not met
e)	Germ cell mutagenicity	Based on the available data, the classification criteria are not met

f)	Carcinogenicity	Based on the available data, the classification criteria are not met
g)	Reproductive toxicity	Based on the available data, the classification criteria are not met
h)	STOT-single exposure	Based on the available data, the classification criteria are not met
i)	STOT-repeated exposure	**May cause damage to organs (kidneys) through prolonged or repeated exposure (oral).**
j)	Aspiration hazard	Based on the available data, the classification criteria are not met

Ethane-1,2-diol
LD50 (oral, rat): 4700mg/kg
LD50 (oral, mouse): 5500mg/kg
LD50 (dermal, rabbit): 9530mg/kg
LC50 (inhalation, rat): 10876mg/m^3
TLC0 (inhalation, man): 10000mg/m^3
TLD0 (oral, man): 1195mg/kg
LDLo (oral, man): 398-786mg/kg
Potassium hydroxide
LD50 (oral, rat): 333 - 388mg/kg
Dipotassium tetraborate
LD50 (oral, rat): 3690mg/kg
LD50 (dermal, rabbit): 2000 - 5000mg/kg
LC50 (inhalation, rat): >2g/m^3, 4h

11.2. Information on other hazards
Endocrine disrupting properties
None.

SECTION 12: Ecological information

12.1.Toxicity
The mixture is not classified as dangerous for the environment.
Prevent the spread in the environment and enter drains and watercourses.

Ethane-1,2-diol
LC50 fish (Salmo gairdneri): 18500mg/l, 96h
EC50 crustaceans (Daphnia magna): >10000mg/l, 48h
Limit toxic concentrations:
Crustaceans (Daphnia magna): 2500mg/l
Algae (Microcystis aeruginosa): 2000mg/l
Bacteria (Pseudomonas putida): >1000mg/l
Protozoa (Colpoda): 250mg/l
Dipotassium tetraborate
LC50 fish: 80 - 627mg/l
EC50 crustaceans: 133mg/l

12.2. Persistence and degradability
For the mixture: no information available

Ethane-1,2-diol
Biodegradation: readily biodegradable.

12.3. Bioaccumulative potential
For the mixture: no information available

Ethane-1,2-diol
Log Po/w: -1,36

12.4. Mobility in soil
For the mixture: no information available

12.5. Results of PBT and vPvB assessment
The mixture has no substances that meet the criteria for classification as PBT or vPvB.

12.6. Endocrine disrupting properties
The mixture has no substances with endocrine disrupting properties.

12.7. Other adverse effects
No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Recommendations for the product: Dispose of in accordance with local regulations. Store in original containers. Waste code should be given at the place of manufacture.

Recommendations for used packaging: Recycle / dispose of packaging waste in accordance with applicable regulations.
Only fully emptied packaging can be recycled.

Directive 2008/98/EC Of The European Parliament And Of The Council of 19 November 2008 on waste and repealing certain Directives as amended
European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended

SECTION 14: Transport information

ADR/RID / ADN / IMDG / IATA
Not applicable – the product is not classified as dangerous goods for transport

14.1. UN number
Not applicable – the product is not classified as dangerous goods for transport

14.2. UN proper shipping name
Not applicable – the product is not classified as dangerous goods for transport

14.3. Transport hazard class(es)
Not applicable – the product is not classified as dangerous goods for transport

14.4. Packing group
Not applicable – the product is not classified as dangerous goods for transport

14.5. Environmental hazards
Not applicable – the product is not classified as dangerous goods for transport

14.6. Special precautions for user
Not applicable – the product is not classified as dangerous goods for transport

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 REGULATIONS:

1. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a

European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC as amended.

2. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
3. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 as amended.
4. Regulation (EU) 2016/425 of The European Parliament and of The Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC
5. Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work
6. Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC
7. Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC
8. Commission Directive (EU) 2017/164 of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU
9. Commission Directive (EU) 2019/1831 of 24 October 2019 establishing a fifth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC and amending Commission Directive 2000/39/EC
10. Directive 2008/98/EC Of The European Parliament And Of The Council of 19 November 2008 on waste and repealing certain Directives as amended
11. European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended

The Seveso III Directive

- Directive 2012/18/EU Of The European Parliament And Of The Council of 4 July 2012 on the control of major-accident hazards involving dangerous substances, amending and subsequently repealing Council Directive 96/82/EC

Not applicable

Biocidal products

- Regulation (EU) No 528/2012 Of The European Parliament And Of The Council of 22 May 2012 concerning the making available on the market and use of biocidal products

Not applicable

Explosives precursors

- Regulation (EU) 2019/1148 Of The European Parliament And Of The Council of 20 June 2019 on the marketing and use of explosives precursors, amending Regulation (EC) No 1907/2006 and repealing Regulation (EU) No 98/2013

Not applicable

Drug precursors

- Regulation (EC) No 273/2004 of The European Parliament And Of The Council of 11 February 2004 on drug precursors

Not applicable

- List of substances subject to authorization (REACH; Annex XIV): not applicable

- Candidate list of SVHCs: not applicable

- Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (REACH; Annex XVII): not applicable

15.2. Chemical safety assessment
No chemical safety assessments for the mixture.

SECTION 16: Other information

Abbreviations and acronyms, list of relevant hazard statements used in the safety data sheet:
H290 – May be corrosive to metals.
H302 – Harmful if swallowed
H314 – Causes severe skin burns and eye damage.
H315 – Causes skin irritation.
H319 – Causes serious eye irritation
H361d – Suspected of damaging the unborn child.
H373 – May cause damage to organs through prolonged or repeated exposure
Met. Corr. 1 – Substance or mixture corrosive to metals cat. 1
Repr. 2 – Reproductive toxicity cat. 2
Acute Tox. 4 – Acute toxicity cat. 4
Skin Corr. 1A – Skin corrosion cat. 1A
Skin Corr. 1B – Skin corrosion cat. 1B
Skin Irrit. 2 – Skin irritation cat. 2
Eye Irrit. 2 – Eye irritation, cat. 2
STOT RE 2 – Specific target organ toxicity - repeated exposure cat. 2
DNEL – derived no-effect level
PNEC – predicted no effect concentration
ATE – Acute Toxicity Estimate
LD50 – lethal dose, 50%
LC50 – lethal concentration, 50%
EC50 – effective concentration, 50%
PBT – Persistent, Bioaccumulative and Toxic
vPvB – very Persistent and very Bioaccumulative
ADR – International Carriage of Dangerous Goods by Road
RID – International Carriage of Dangerous Goods by Rail
IMDG – International Maritime Dangerous Goods
ICAO – Safe Transport of Dangerous Goods by Air

Classification procedure:

Acute Tox. 4; H302	Based on the content of the ingredients (the calculation method)
STOT RE 2; H373	Based on the content of the ingredients (the calculation method)

Training:
Before working with the product is recommended safety training of employees in connection with the occurrence of workplace chemicals. Documentation should be prepared and employees should be familiarized with the results of risk assessment in the workplace associated with the presence of chemical agents.

RESOURCES
Annex to Regulation (EU) 2020/878.
Current legislation (Section 15).
Information Agency for Chemical Substances.