Section 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND IDENTIFICATION OF THE COMPANY

1.1. Product identifier:
Trade name: **APP Grund Epoxy Spray – Epoxy primer | RAL 7033**
Product code: **021207, 021208**

1.2. Relevant identified uses of the substance/mixture and uses advised against:
Epoxy primer
Uses advised against: Other

1.3. Details of the supplier of the safety data sheet:
APP Sp. z o. o.
10 Przemysłowa Street, 62 – 300 Września
Tel. +48 (61) 437 00 00
Fax: +48 (61) 437 91 37
Email: app@app.com.pl
Website: www.app.com.pl
Current safety data and technical information are available on the website.

Person responsible for the product: **Product Management Department, dzp@app.com.pl**

1.4. Emergency telephone number:
+48 (61) 437 00 00 (between 8.00 and 16.00)

Date of issue of the safety data sheet: 3 August 2026

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Section 2. HAZARD IDENTIFICATION

2.1. Classification of the substance/mixture:
Classification in accordance with Table 3 of Annex VI to Regulation (EC) No 1272/2008 of the European Parliament and of the Council (GHS Regulation) and based on data provided by the manufacturer:


GHS02


GHS07


GHS09

Hazard
FlamAerosol1: H222 Extremely flammable aerosol.
H229 Pressurised container: may explode if heated
EyeIrrit2: H319 Causes eye irritation
STOT SE3: H336 May cause drowsiness or dizziness.
AquaticChronic2: H411 Toxic to aquatic life with long-lasting effects.
EUH 066 Repeated exposure may cause skin dryness or cracking.

2.2. Labelling elements:
Contains:
Acetone
Butyl acetate
Signal word:
Danger
GHS pictograms:


GHS02


GHS07


GHS09

Hazard statements:
H222 Extremely flammable aerosol.
H229 Pressurised container: may burst if heated

H319 Causes eye irritation
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long-lasting effects.
EUH 066 Repeated exposure may cause skin dryness or cracking.
EUH 208 Contains 4-formylmorpholine and maleic anhydride. May cause an
.

Precautionary statements:
P101 If medical advice is needed, show the container or label.
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sources of sparks, open flames and other sources ignition. Do not smoke.
P211 Do not spray onto an open flame or other source of ignition.
P251 Do not pierce or burn, even after use.
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 º C/122 º F.
P260 Do not breathe dust/smoke/gas/mist/vapours/spray.
P273 Avoid release into the environment.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and if they can be easily removed. Continue rinsing.
P501 Dispose of the container and its contents in accordance with local, regional, national or international regulations

2.3. Other hazards:
Explosive mixtures may form in the absence of adequate ventilation.
UN: 1950
VOCs (2004/42/EC, IIe: 840) contain less than 840 g/l VOCs
No information is available regarding compliance with the PBT or vPvB criteria in accordance with Annex XIII of Regulation 1907/2006 (REACH). No tests have been carried out.
No information is available regarding substances with endocrine-disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 191 or Commission Regulation (EU) 2018/605 192.

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances:
Not applicable.
3.2. Mixtures:
The classification of the substances contained in the product is given in accordance with Table 3 of Annex VI to Regulation (EC) No 1272/2008 of the European Parliament and of the Council (the GHS Regulation) and on the basis of data provided by the manufacturer.

Name of hazardous substance	Concentration range	CAS number	Index number	EC number	Hazard symbols Hazard
Acetone REACH: 01-2119471330-49	25–50%	67-64-1	606-001-00-8	200-662-2	**GHS02; GHS07 Flammable Liquid 2: H225 Eye Irritant 2: H319 STOT SE 3: H336 EUH066**
Butyl acetate REACH: 01-2119485493-29	10–<12.5 %	123-86-4	607-025-00-1	204-658-1	**GHS02; GHS04 Flam.Liq.3: H226 STOT SE3: H336 EUH066**
Propane REACH: 01-2119486944-21	10–12.5%	74-98-6	601-003-00-5	200-827-9	**GHS02; GHS04 FlamGas1: H220 PressGas: H280**

Butane REACH: 01-2119474691-32	5–10%	106-97-8	601-004-00-0	203-448-7	**GHS02; GHS04** **FlamGas1: H220** **PressGas: H280**
Isobutane REACH: 01-2119485395-27	2.5–<5%	75-28-5	601-004-00-0	200-857-2	**GHS02; GHS04** **FlamGas1: H220** **PressGas: H280**
Cellulose nitrate (V); Nitrocellulose – containing not more than 12.6% nitrogen	2.5–<5%	9004-70-0	603-037-01-3	None	**GHS08** **Flam. Sol. 1; H228**
1-methoxy-2-propyl acetate; 2-methoxy-1-methylethyl acetate REACH: 01-2119475791-29	<2.5%	108-65-6	607-195-00-7	203-603-9	**GHS02; GHS07** **FlamLiq.3: H226** **Eye Irrit.2: H319**
Titanium oxide – dust in powder form containing <1% of particles with an aerodynamic diameter ≤ 10 µm] REACH: 01-2119489379-17	<2.5 %	13463-67-7	-	236-675-5	**GHS08** **Carc2: H351** **-**
Bis[orthophosphate(V)] of zinc REACH: 01-2119485044-40	<2.5 %	7779-90-0	030-011-00-6	231-944-3	**GHS09** **AquaticChronic1: H410** **AquaticAcute: H400**
Reaction product of ethylbenzene and xylene REACH Registration No.: 01-2119539452-40	<2.5%	-	-	905-588-0	**GHS02; GHS07; GHS08** **Flam. Liq.2: H225** **AspTox1: H304** **AcuteTox.4: H312+H332** **SkinIrrit2: H315** **EyeIrrit2: H319** **STOTSE3: H335** **STOT RE2: H373 (liver, kidneys, hearing)** **AquaticChronic3: H412**

Ethanol REACH Reg. No.: 01-2119457610-43	<2.5%	64-17-5	603-002-00-5	200-578-6	**GHS02; GHS07 FlamLiq2: H225 EyeIrrit2: H319 Specific concentration limit: H319>50%**
4-Formylomorpholine REACH: 01-2119987993-12	0.1–<0.5%	4394-85-8	none	224-518-3	**GHS02; GHS07 SkinSens1: H317**
Maleic anhydride REACH: 01-2119472428-31	0.001–<0.1%	108-31-6	607-096-00-9	203-571-6	**GHS02; GHS07 FlamLiq3: H226 AcuteTox4:H302 SkinCorr1B: H314 EyeDam1: H318 RespSens1: H334 SkinSens1: H317 STOT RE1: H372 EUH071 Specific concentration limit: H317≥0.001**

For the wording of the phrases used – see section 16.

Section 4. FIRST AID MEASURES

4.1. Description of first aid measures:

4.1.1 First aid guidelines by relevant routes of exposure:

Show the Safety Data Sheet to the attending doctor. In the event of exposure to vapours and aerosols of the product, move the affected person to a well-ventilated area – seek medical assistance

a) respiratory tract: immediately move the affected person to a well-ventilated area; place the affected person in a semi-recumbent position, loosen their clothing, and ensure that there are no objects or secretions in their mouth that might obstruct breathing; if the affected person is not breathing – perform artificial respiration; seek medical assistance immediately.

b) skin: remove contaminated clothing; wash contaminated skin with plenty of soapy water; do not use any solvents or thinners to wash the skin; apply a moisturising cream to the cleansed skin; if skin irritation occurs – consult a doctor.

c) eyes: rinse the affected eyes, keeping the eyelids open, with a continuous stream of running water for 10 to 15 minutes; avoid a strong stream of water, which may pose a risk of corneal damage; if burning or irritation persists, consult a doctor; do not use any eye wash solutions or ointments before consulting a doctor; if the affected person is wearing contact lenses, remove them if possible; seek medical assistance if eye irritation occurs.

d) Digestive tract: rinse the mouth with plenty of running water; do not induce vomiting; consult a doctor immediately – show the doctor the Safety Data Sheet or the label

4.1.2. Other:

None.

4.2. Most important acute and delayed symptoms and effects of exposure:

Acute symptoms:

None

Delayed symptoms:

May cause drowsiness or dizziness.

Repeated exposure may cause the skin to become dry or cracked.

Contains 4-formylomorpholine and maleic anhydride. May cause an allergic reactions.

4.3. Indications for any immediate medical attention and specific treatment of the affected person:

If a significant amount of the product has been ingested, consult a doctor.

Section 5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media:

a) Recommended extinguishing media: Sprayed water, dry powder extinguishers, alcohol-resistant foam.

b) Extinguishing media not recommended: Avoid strong jets of water, which may spread the fire.

5.2. Specific hazards arising from the substance/mixture:

Vapours of the product form flammable and explosive mixtures with air. Vapours may rise to the source ignition and return as a flame. Heating, a spark or contact with fire may cause ignition. Emits toxic gases in the event of a fire. Keep away from sources of ignition – do not smoke whilst spraying. Keep out of reach of children. Without adequate ventilation, explosive mixtures may form

5.3. Information for the fire service:

Wear self-contained breathing apparatus and suitable protective clothing.

Section 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures:

6.1.1. For non-emergency personnel:

- when removing the material, wear protective clothing, protective gloves, safety goggles and a gas mask

6.1.2. For emergency responders:

- whilst removing the material, avoid the formation and inhalation of vapours and aerosols from the product
- wear well-fitting, close-fitting safety goggles, protective gloves and protective clothing

6.2. Environmental precautions:

- in the event of a large-scale release into water or soil, notify the relevant emergency services

6.3. Methods and materials to prevent the spread of contamination and for decontamination:

6.3.1. Recommendations for preventing the spread of a spill:

- store and transport in leak-proof containers
- remove the product immediately
- prevent the product from entering watercourses or drainage systems
- rinse the area after removal of the product and any equipment that has come into contact with it with water

6.3.2. Recommendations for spill clean-up:

- Absorb with a non-flammable absorbent material (e.g. diatomaceous earth)
- Collect the absorbent material into a clearly labelled, sealable container
- Eliminate all possible sources of ignition; do not smoke

6.3.3. Other information:

None

6.4. References to other sections:

See the information in sections 8 and 13.

Section 7. HANDLING AND STORAGE OF THE MIXTURE

7.1. Precautions for safe handling:

7.1.1. General recommendations:

- avoid electrical and electrostatic discharges
- do not allow vapour concentrations of the product in the air to reach levels at which mixtures with air may be explosive, nor concentrations exceeding occupational exposure limits
- ensure easy access to fire-extinguishing agents and the equipment required for spill containment substances
- Follow the general health and safety rules for working with chemicals; strictly adhere to established procedures; when working with the product, apply the general health and safety at work provisions set out in the Regulation of the Minister of Labour and Social Policy of 30 December 2004 (Journal of Laws No. 11 of 2005, item 86); follow the recommendations contained in the instructions provided by the manufacturer
- avoid contact with the eyes, skin and clothing
- avoid prolonged and repeated exposure

7.1.2. Occupational hygiene guidelines:

- do not eat or drink whilst using the product
- do not smoke whilst working with the product
- Avoid the formation and inhalation of vapours from the product
- When working with the product, wear suitable work (protective) clothing and protective gloves (rubber or PVC)
- An eye-wash station must be available at the workstation
- Observe the rules of personal hygiene
- Do not eat, drink or smoke whilst working with the product, except in designated areas; wash your hands before breaks and after finishing work; apply hand cream if necessary
- Work in well-ventilated areas

7.2. Conditions for safe storage, including information on any incompatibilities

- Store the product in cool, dry and well-ventilated areas
- Do not store near foodstuffs or animal feed
- Packaging should be sealed and properly labelled

- for safety reasons, the product is best stored in its original packaging
- Protect the packaging from physical damage

7.3. Specific end uses:

None.

Section 8. EXPOSURE CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT

8.1. Control parameters:

8.1.1. Maximum permissible concentrations in the workplace:

In accordance with the Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the maximum permissible concentrations and intensities of factors harmful to health in the workplace (Journal of Laws 2018, item 1286)

Butyl acetate:	NDS: 240 mg/m^3	NDSCh: 720 mg/m^3
Acetone:	NDS: 600 mg/m^3	NDSCh: 1,800 mg/m^3
Propane:	NDS: 1,800 mg/m^3	NDSCh: not applicable
Butane:	NDS: 1900 mg/m^3	NDSCh: 3000 mg/m^3
Titanium and its compounds – inhalable fraction:	NDS: 10 mg/m^3	
Xylenes:	NDS: 100 mg/m^3	NDSCh: 200 mg/m^3
Ethylbenzene:	NDS: 200 mg/m^3	NDSCh: 400 mg/m^3
Ethanol:	NDS: 1900 mg/m^3	NDSCh: not applicable

8.1.2. Recommended monitoring procedures:

- PN-89/Z-01001/06. Air quality protection. Names, definitions and units. Terminology relating to air quality testing at workplaces.
- PN-89/Z-04008/07. Air quality protection. Sampling. Principles for air sampling in the workplace and interpretation of results.
- PN-79/Z-04057 sheet 01 Air quality protection. Acetone content testing. Determination of acetone at workplaces by gas chromatography with sample enrichment.
- PN-89/Z-04023 sheet 02 Air quality protection. Testing for the content (in mixtures) of harmful substances emitted from nitrocellulose paint products. Determination of acetone, alcohols: ethyl, n-butyl, isobutyl, ethoxyethyl, butoxyethyl; acetates: ethyl, n-butyl, ethoxyethyl, toluene and xylene at workplaces using gas chromatography.
- PN-Z-04252-1:1997. Air quality protection. Testing the content of liquefied gas components. Determination of propane and n-butane at workplaces using gas chromatography.
- PN-68/Z-04051 Determination of ethyl acetate and butyl acetate in air.
- PN-78/Z-04116/01 Air quality protection. Testing for xylene content. Determination of xylene at workplaces by gas chromatography with sample enrichment.
- PN-79/Z-04081/01. Air quality protection. Testing for ethylbenzene content. Determination of ethylbenzene at workplaces by gas chromatography with sample enrichment.
- PN-85/Z-04140/02. Air quality protection. Testing for ethyl alcohol content. Determination of ethyl alcohol at workplaces by gas chromatography.

8.1.3. Maximum permissible concentration in biological material (DSB):

Xylene:
- substance being analysed: methylhippuric acid
- permissible concentration in biological material (DSB): 1.4 g/l in urine

Ethylbenzene:
- substance analysed: mandelic acid
- acceptable DSB value: 20 mg/h
- biological material: urine

Notes: when calculating the urinary excretion rate, an additional sample is collected approximately 2 hours before the actual urine sample is taken, in order to empty the bladder; this sample is not analysed. The time elapsed between the collection of the two urine samples is recorded

8.1.4. DNEL and PNEC values:

No DNEL or PNEC values have been established for this substance.

8.2. Exposure control:

8.2.1. Appropriate technical control measures:

Medical examinations of workers, as well as tests and measurements of harmful factors, shall be carried out in accordance with the applicable regulations.

8.2.2. Personal protective equipment:

a) Eye or face protection: safety goggles with side shields

b) Skin protection: protective gloves. The choice of suitable gloves depends not only on the material but also on other quality characteristics and varies by manufacturer. Butyl rubber gloves are recommended.

c) Respiratory protection: For short-term exposure or low levels of contamination, use a filtering respirator. For intense or prolonged exposure, use a self-contained breathing apparatus. A2/P3 filter

8.2.3. Environmental exposure control

Compliance with the product label ensures that the requirements of Community legislation on environmental protection. Do not allow it to spread into the environment or enter the sewerage system or watercourses

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

Physical state
aerosol

Colour
as stated on the label

Odour
characteristic

Melting/freezing point
No data available

Boiling point or initial boiling point and boiling range
No data available

Flammability of materials
No data available

Lower and upper explosion limits
No data available

Flash point
No data available

Auto-ignition temperature
No data available

Decomposition temperature
No data available

pH
No data available

Kinematic viscosity
No data available

Solubility
No data available

n-octanol/water partition coefficient (log value)
No data available

Vapour pressure
No data available

Density or relative density
0.800 g/cm^3 (20°C)

Relative vapour density:
No data available

Molecular characteristics
Not applicable

9.2. Other information:

Information on physical hazard classes
No data available

Other safety properties
VOC: <840 g/l

Section 10. STABILITY AND REACTIVITY

10.1. Reactivity:
The product is not reactive.

10.2. Chemical stability:
The product is chemically stable.

10.3. Possibility of hazardous reactions:
None known.

10.4. Conditions to avoid:
High temperatures. Ignition sources, heat sources, sources of sparks.

10.5. Incompatible materials:
- strong oxidisers

- concentrated acids

10.6. Hazardous decomposition products:

- carbon oxides
- toxic gases and fumes

Section 11. TOXICOLOGICAL INFORMATION

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

(a) Acute toxicity

No data available.

The mixture is not classified as hazardous in this category.

b) Skin corrosion/irritation

Irritating to the skin

c) Serious eye damage/eye irritation

Irritating to the eyes

d) Respiratory or skin sensitisation

Contains 4-formylmorpholine and maleic anhydride. May cause an allergic reactions.

e) Mutagenic effects

No data available.

The mixture is not classified as hazardous in this category.

f) Carcinogenicity

No data available.

The mixture is not classified as hazardous in this category.

g) Reproductive toxicity

No data available.

The mixture is not classified as hazardous in this category.

h) Specific target organ toxicity – single exposure

May cause drowsiness or dizziness.

i) Toxic effects on target organs – single and repeated exposure

No data available.

The mixture is not classified as hazardous in this category.

j) Aspiration hazard:

No data available.

The mixture is not classified as hazardous in this class.

11.2. Information on other hazards

11.2.1. Endocrine-disrupting properties

No information is available on substances with endocrine-disrupting properties in accordance the criteria set out in Commission Delegated Regulation (EU) 2017/2100 191 or Commission Regulation (EU) 2018/605 192 .

11.2.2. Other information

Repeated exposure may cause the skin to become dry or cracked.

Section 12. ECOLOGICAL INFORMATION

12.1. Toxicity:

- is toxic to aquatic organisms, causing long-term effects.
- may cause long-lasting adverse effects in the aquatic environment
- follow the instructions or the safety data sheet

12.2. Persistence and degradability:

The product's components are biodegradable.

12.3. Bioaccumulative potential:

No data available.

12.4. Mobility in soil:

No data available.

12.5. Results of the PBT and vPvB assessment:

None.

12.6. Endocrine-disrupting properties

None.

12.7. Other adverse effects:

None.

Section 13. WASTE MANAGEMENT

13.1. Waste disposal methods:

13.1.1. Product:

- type of waste: Waste paints and varnishes containing organic solvents or other hazardous substances
- waste code: 08 01 11*
- hazardous waste
- Where possible, recover and return to production. Do not dispose of with household waste. Do not discharge into the sewerage system. Do not allow contamination of surface water, groundwater or soil. Dispose of in accordance with current regulations relating to chemical waste. Dispose of only at designated sites, in facilities or equipment that meet statutory requirements.

13.1.2 Packaging:

- waste type: Empty pressure vessels
- waste code: 15 01 11

Section 14. TRANSPORT INFORMATION

LAND TRANSPORT:

14.1. UN number or ID number : 1950
14.2. UN proper shipping name: AEROSOLS, FLAMMABLE
14.3. Transport hazard class: 2
14.4. Packing group: -
14.5. Environmental hazards: none
14.6. Special precautions for users: None
14.7. Transport in bulk by sea in accordance with IMO instruments: not applicable
Other:
Identification code: 5F
Labels: 2.1

Section 15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations specific to substances and mixtures:

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 (30 December 2006, Official Journal of the European Union L 396, p. 1), as amended (9 October 2008, Official Journal of the European Union L 268, p. 14; 17 February 2009 Official Journal of the European Union L 46/3; 26 June 2009 Official Journal of the European Union L164/7; 1 April 2010 Official Journal of the European Union L86/7; 31 May 2010 Official Journal of the European Union L133/1; 18 February; EN Official Journal of the European Union L44/2; 21 May 2011 EN Official Journal of the European Union L134/2), as subsequently amended.
2. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008on the 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 (referred to as the GHS Regulation) (31 December 2008 EN Official Journal of the European Union L 353/1), as subsequently amended.
3. Act of 28 May 2020 amending the Act on Chemical Substances and their Mixtures and certain other Acts (Journal of Laws 2020, item 1337)
4. Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the maximum permitted concentrations and intensities of factors harmful to health in the workplace (Journal of Laws 2018, item 1286)
5. Regulation of the Minister of Health of 2 February 2011 on tests and measurements of factors harmful to health in the workplace (Journal of Laws 2011, No. 33, item 166
6. Commission Regulation (EU) No 252/2011 of 15 March 2011 amending Annex I to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
7. COMMISSION REGULATION (EU) No 253/2011 of 15 March 2011 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards Annex XIII
8. Regulation of the Minister for Development of 8 August 2016 on the limitation of emissions of volatile organic compounds contained in certain paints and varnishes intended for the painting of buildings and their finishing elements, fittings and structures associated with buildings and those elements, and in mixtures for the refurbishment of vehicles (Journal of Laws 2016, item 1353)
9. Regulation of the Minister for the Economy of 10 March 2014 amending the Regulation on specific requirements for aerosol products (Journal of Laws 2014, item 345)

10. COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
11. 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)

15.2. Chemical safety assessment:
No data available.

Section 16. OTHER INFORMATION

Wording of the hazard statements listed in sections 2 and 3 of the safety data sheet:

H220	Extremely flammable gas
H224	Extremely flammable liquid and vapour
H225	Highly flammable liquid and vapours
H226	Flammable liquid and vapours
H228	Flammable solid
H280	Contains gas under pressure; may explode if heated
H302	Harmful if swallowed.
H304	If swallowed or inhaled, may be fatal.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Irritating to the eyes.
H332	Harmful if inhaled.
H334	May cause allergic reactions, asthma or breathing difficulties following inhalation.
H335	May cause respiratory tract irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer <specify route of exposure if it has been definitively it has been definitively proven that another route of exposure does not pose a risk>.
H372	Causes damage to organs <list all known organs to which are affected > through prolonged or repeated exposure <specify route of exposure, if it has been established that other routes of exposure do not pose a risk>.
H373	May cause damage to organs <list all known organs affected affected > through prolonged or repeated exposure <specify the route of exposure, if it has been established that other routes of exposure do not pose a risk>.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life, causing long-term effects.
H412	Harmful to aquatic life with long-lasting effects. EUH066 Repeated exposure may cause skin dryness or cracking
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life, causing long-term effects.
H411	Toxic to aquatic organisms, causing long-term effects.

Medical examinations of employees, as well as tests and measurements of harmful factors, must be carried out in accordance with the applicable regulations.
The above information has been compiled on the basis of current knowledge and experience. However, it does not constitute a guarantee of the product's properties or quality specifications and cannot form the basis for a claim. The product should be transported, stored and used in accordance with applicable regulations and good working practices and health and safety standards.
The manufacturer accepts no liability for losses arising directly or indirectly from the application of the above interpretation of regulations or instructions.
The information provided does not apply to mixtures of the product with other substances. The use of the information provided, as well as the use of the product itself, is not controlled by the manufacturer; it is therefore the user's responsibility to ensure appropriate conditions for the safe handling of the product.

This safety data sheet was prepared by **CHEM-NET Magdalena Granosik chem-net@wp.pl**, on behalf of **APP Sp. z o.o.** The safety data sheet was prepared in accordance with current national regulations. It was compiled using data provided by the manufacturer and based on the current state of knowledge and experience.