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

1.1. Product ID

Product Trade Name: Natural Resin Based Oil for Bio Wood Preservation
Numer UFI:

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

1.2.1. Relevant identified uses

Wood preservative

1.2.2. Uses advised against

Other than those listed in section 1.2.1

1.3. Data on the supplier of the safety data sheet

ECO Tech Haus Sp. z o.o.
Witold Markiewicz
Address: Bursztynowa 5 31-213 Krakow
Phone: 0048 533737576
www .ecotechhaus.com.pl
Person responsible for the card: Piotr Żądło, e-mail: p.technolog@ecotechhaus.com.pl

1.4. Emergency telephone number

112 – emergency telephone of the emergency notification center

SECTION 2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

In accordance with Regulation (EC) No 1272/2008

Flam. Liq. 3 – Flammable liquid hazard category 3 with H-phrase assigned:
H226 Flammable liquid and vapour

Skin Irrit. 2 –Corrosive effects on skin category 2 with H-phrase assigned:
H 315 Irritating to the skin

Eye Irrit. 2 – Serious eye damage/eye irritation hazard category 2 with H-phrase assigned:
H319 Irritating to the eyes

Skin Sens. 1– Actsdo not sensitizeto skin category 1 with assigned H-phrase:
H317 May cause allergic skin reactions

Asp. Tox. 1 – Aspiration hazard hazard category 1 with H-phrase assigned:
H304 Swallowing or inhaling may cause death

Aquatic Chronic 2 – Poseathreat tothe aquatic environment hazard category 2 with H-phrase assigned:
H411Toxic to aquatic organisms, causing permanent effects

Physical/chemical hazards: product is classified as hazardous, flammable
Fire hazard: product vapours form flammable/explosive mixtures with air
Health hazard: the product is classified as posing a health risk, see section 11
Environmental hazard: the product is classified as hazardous to the environment, toxic to the aquatic environment, may cause long-term adverse changes in the aquatic environment

2.2. Marking elements

Pictograms:

GHS 02GHS 08GHS 07GHS 09

Signal word: Danger

Hazard statements
H226 Flammable liquid and vapour
H304 Swallowing and inhalation may cause death
H315 Irritating to the skin
H317 May cause allergic skin reactions
H319 Irritating to the eyes
H411Toxic to aquatic organisms, causing permanent effects

Precautionary statements
General:
P101 If you are required to seek advice from your doctor, please show the container or labels
Prevention:
P210 Keep away from heat sources, hot surfaces, sparks, open flames and other ignition sources. Do not smoke.
P260 Does not inhale mgl/vapour/spray liquid
P264 Thoroughly wash your hands and face after use
P273 Avoid release into the environment
P280 Use protective gloves/protective clothing/eye protection/face protection
Responding:
P303 + P361 + P353 IN CASE OF CONTACT WITH SKIN (or hair): Immediately remove all contaminated clothing. Rinse the skin under a stream of water/shower
P304 + P340 IN CASE OF INHALATION: take the injured person out or take him out into the fresh air and provide him with conditions for free breathing
P305 + P351 + P338 IF YOU GET INTO YOUR EYES: Carefully rinse with water for a few minutes. Remove the contact lenses if possible. Continue to rinse
P333 + P313 In case of rash or skin irritation: Seek medical advice
P301 + P310 IN CASE OFA CIA: Contact your doctor immediately
P331 Vomiting
Store:
P405 Storage underlocks
Delete:
P501 Dispose of contents/container to authorized companies in accordance with national/international regulations

2.3. Other risks
The product does not meet the PBT or vPvB criteria in accordance with Annex XIII of reach.
The product does not contain ingredients classified as SVHCs in quantities exceeding 0.1% by weight.
The product does not contain ingredients classified as having endocrine disrupting properties in quantities exceeding 0,1 % w/w.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances
Not applicable

3.2. Mixtures
The product is a mixture. Composition: hazardous substances listed below, non-hazardous excipients or contents below the classification threshold.

The classification of hazardous substances contained in the product is given in accordance with Table 3.1 of Annex VI to Regulation (EC) No 1272/2008 of the European Parliament and of the Council , including its updates, REACH data, manufacturer and literature data.

Nr CAS	EC No	Index No.	REACH registration number	Chemical name	Content	Hazard categories	H-phrases
8006-64-2	232-350-7	650-002-00-6	01-2119502456-45-xxxx	terpentyna*,**	approx. 20 % by weight.	Flam. Liq. 3, Acute Tox. 4 (oral), Acute Tox. 4 (inh), Acute Tox. 4 (derm), Asp. Tox. 1, Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 2	H226, H302, H304, H312, H315, H317, H319, H332, H411
1317-38-0	215-269-1	029-016-00-6	01-2119502447-44-XXXX	copper(II) oxide*,**	approx. 0,1 % by weight.	Aquatic Acute 1 Aquatic Chronic 1	H400, H410

M-factor value for a substance of environmental concern (CAS No 1317-38-0)
acute aquatic hazard: M = 100
chronic aquatic hazard: M = 100

* - a substance for which Community occupational exposure limits have been set
** - the hazard classification of the substance is in accordance with Table 3.1 of Annex VI to Regulation (EC) No 1272/2008 of the European Parliament and of the Council

For the importance of hazard categories and H-phrases, see section 16.

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures
General recommendations
In case of contact with a product that causes indisposition, immediately call the professional health service. Show the doctor the marking from the safety data sheet. Inform the doctor about the first aid provided to the injured person. Do not administer anything orally to an unconscious person.
In no case do not provoke vomiting. If the victim vomits, turn him in a safe position to prevent the risk of choking on vomit.

Protection of first responders
Do not take any action that would pose a risk to the rescuer unless you are properly trained.

Skin contamination: wash off with soap and water. Remove soiled clothing, wash before reuse. If irritation occurs, contact your doctor

Eye contamination: tobe sure that the victim is not wearing contact lenses. Immediately rinse your eyes, holding the tilted eyelids, with plenty of clean running water. Rinse for at least 15 minutes. If the discomfort (irritation) persists, seek help from an ophthalmologist

Inhalation exposure: if the injured person is breathing, transfer to fresh air. If the injured person is not breathing, use artificial respiration. Contact your doctor if you experience symptoms of indisposition

Ingestion: if swallowed, always assume that the product has entered the lungs. The injured person should be sent to the hospital immediately. Do not wait for the onset of symptoms of intoxication. Do not induce vomiting, as there is a high risk of aspiration. In the event that the injured person vomits, lean him forward to minimize the risk of choking with vomit. Do not give milk or alcoholic beverages to drink. Do not administer anything

orally to an unconscious person.

4.2. Main acute and delayed symptoms and effects of exposure
Acute symptoms – exposure to high concentrations in the air can cause anesthetic effect, nausea, dizziness, headache. Ingestion causes abdominal pain, vomiting with a risk of aspiration and aspiration pneumonia. Contact with the skin causes symptoms of irritation and redness of the skin. Symptoms of degreasing and dryness of the skin appear. Contact with the eyes provokes irritation, pain, the risk of damage to the cornea.
Delayed symptoms – has a narcotic effect on the central nervous system
Effects of exposure — no data available

4.3. Indications for any immediate medical attention and specific handling of the injured party
Information for the doctor: no specific antidote, use symptomatic therapy.

SECTION 5. FIRE MANAGEMENT

5.1. Extinguishing agents
Means of foam, extinguishing powders, carbon dioxide, water mist
Meansthat cannot be usedforsafety reasons: a strong stream of water – the risk of spreading a fire.

5.2. Specific hazards of the substance or mixture
When burning the product, carbon oxides, harmful gases may be released. Do not inhale products of thermal decomposition/combustion – they may pose a health risk.

5.3. Information for fire brigades
It is imperative to use independent breathing apparatus and appropriate protective clothing during firefighting or cleaning work immediately after a fire in closed or poorly ventilated rooms.

General recommendations: notify the surroundings of the fire, remove from the endangered area unauthorized persons who are not involved in the liquidation of the fire, if necessary order evacuation; call the appropriate emergency services. Follow the procedures for extinguishing chemical fires.

Additional comments: packaging not affected by fire, exposed to fire or high temperature, if possible remove it from the danger area.
Fire residues and contaminated fire extinguishing waters shall be disposed of in accordance with the relevant regulations.
It is forbidden to introduce post-gas water into the sewage system.

SECTION 6. HANDLING OF UNINTENTIONAL RELEASE INTO THE ENVIRONMENT

6.1. Individualmeasures, protective equipment and emergency procedures
6.1.1. For non-members of the assistance staff
Use personal protective equipment. Avoid inhalation of vapour/mist/gas. Provide sufficient ventilation. Remove the ignition sources. Do not allow vapours to accumulate in quantities likely to form explosive concentrations. Vapors can accumulate in low-lying spaces.

6.1.2. For persons providing assistance
Read section 8

6.2. Environmental measures
Do not allow ingress into sewers, groundwater, soil and open watercourses.

6.3. Methods and materials to prevent the spread of contamination and to remove contamination
In case of unsealing the container, spillage of the product, secure the source of leakage, pour the product into an empty container. Spill the spilled product with non-flammable absorbent material (sand, diatomaceous earth) collect in a closed container and use for disposal. Wash off the contamination site with water.

6.4. References to other sections

Personal protective equipment — section 8
Waste management — section 13

SECTION 7. HANDLING AND STORAGE OF SUBSTANCES AND MIXTURES

7.1. Precautions for safe handling
Avoid contamination of the skin and eyes. Avoid inhalation of vapours or mists. Do not store near ignition sources - do not smoke. Provide means to avoid the accumulation of electrostatic charge.

Industrial hygiene:
- indicated proper ventilation during operation (general and local exhaust ventilation)
- provide a stand for rinsing eyes and hands in case of contamination
- wash your hands with soap and water before eating, smoking cigarettes and after finishing work
- the usual precautions must be observed when handling chemicals.

7.2. Conditions for safe storage, including information on any non-compliance
Store in a cool place. Store the container thoroughly closed in a dry and well-ventilated place. Open containers must be re-sealed and stored vertically to avoid leakage.

7.3. Specific end uses
See section 1.2

SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTIVE EQUIPMENT

8.1. Control parameters:
Exposure limits:

Hazardous component	Nr CAS	NDS, mg/m^3	NDSCh, mg/m^3
terpentine	8006-64-2	112	300
Copper and its inorganic compounds - in cu terms	7440-50-8	0,2	-

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 work environment (Journal of Laws of 2018, item 1286 with updates

Recommendations for the procedure for monitoring the content of hazardous components in the air – measurement methodology:
Regulation of the Minister of Health of 2 February 2011 on tests and measurements of factors harmful to health in the working environment (Journal of Laws of 2011 No. 33, item 166)
PN-ISO 4225:1999 Air quality. General issues. Terminology
PN Z-04008-7:2002 Protection of air purity. Sampling. Principles of air sampling in the working environment and interpretation of results.
PN-EN 689+AC:2019-06 English version. Exposure at workplaces. Measurements of inhalation exposure to chemical agents. Compliance testing strategy

Determination of hazardous components in the air at workstations:
PN-Z-04333:2006 Protection of air purity. Determination of turpentine at workplaces by gas chromatography
PiMOŚP 1999, no. 22 Determination of turpentine

Procedures for monitoring concentrations of hazardous components in the air and procedures for controlling air purity at the workplace - if available and justified at the workplace - should be applied in accordance with the relevant Polish or European Standards, taking into account the conditions prevailing at the place of exposure and the appropriate measurement methodology adapted to the working conditions. The mode, type and frequency of tests and measurements should meet the requirements contained in the MZ Regulation of

February 2, 2011.

Maximum concentration in DSB germinal material:
No DSB is specified for the product and its components.

DNEL and PNEC values:
No data for the product.

8.2. Exposurecontrol
8.2.1. Relevant technical control measures
General ventilation, local exhaust system if necessary.

8.2.2. Personal protective equipment such as personal protective equipment
The need for use and the selection of appropriate personal protective equipment should take into account the nature of the risk posed by the product, the conditions at the workplace and the way the product is handled. Use protective equipment from reputable manufacturers.

a) Respiratory protection – under normal conditions, with sufficient ventilation, it is not necessary, required when exposed to high concentrations of product vapours. If the NDSCh is exceeded or with a low concentration of the product, a mask or half mask completed with a type A canister (filter protecting against organic fumes) should be tossed.
(b)Protection – protective gloves. Material from which the gloves are made must be impermeable and resistant to the product. Wear protective gloves made of neoprene or nitrile rubber. Thickness min. 0.5 mm. If prolonged or frequent repeated contact with the product is expected, it is recommended to wear gloves with protection class 6 (puncture time greater than 480 minutes in accordance with PN-EN 374). If only short contact with the product is expected, it is recommended to wear gloves with protection class 4 or higher (puncture time greater than 120 minutes in accordance with PN-EN 374). The resistance of the materials from which the gloves are made must be checked before application. Information should be obtained from the glove manufacturer about the time of penetration of the substance through them and such a time must be observed. It is recommended to change gloves regularly and replace them immediately if there are any signs of wear, damage (tearing, perforation) or changes in appearance (color, elasticity, shape).
c) Eye protection – safety glasses
d) Skin protection – appropriate work clothes
e) Thermal hazards – not applicable

Standards for protective equipment:
PN-EN 140:2001 Respiratory protective equipment. Half masks and quarter masks. Requirements, testing, marking
PN-EN 143:2021-07 English version. Respiratory protective equipment. Filters. Requirements, testing, marking
PN-EN 149+A1:2010 Respiratory protective equipment. Filtering half masks for protection against particles. Requirements, testing, marking
PN-EN 14387:2021-07 English version. Respiratory protective equipment. Absorbers and filters. Requirements, testing, marking
PN-EN 374-1:2017-01 Protective gloves against chemicals and microorganisms. Part 1: Terminology and performance requirements for chemical risks
PN-EN 374-2:2020-03 English version Gloves protecting against chemicals and microorganisms. Part 2: Determination of penetration resistance
PN-EN 16523-1+A1:2018-11 English version Determination of material resistance to penetration of chemical substances. Part 1: Penetration of potentially hazardous liquid chemicals under conditions of continuous contact
PN-EN 166:2005 Personal eye protection. Requirements
PN-EN 14605+A1:2010 Clothing protecting against liquid chemicals. Requirements for clothing protecting the whole body with liquid-tight (Type 3) or spray (Type 4) connections, including devices providing only partial protection (Types PB(3) and PB(4))
PN-EN ISO 20344:2022-04 English version. Personal protective equipment. Footwear test methods
EN 407:2020 Protective gloves and other protective equipment for hands in case of thermal hazard (heat and/or fire)

The personal protective equipment used must meet the requirements of 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.
When the concentration of hazardous substances is established and known, the selection of personal protective equipment should be made taking into account the concentration of the substance present at the workplace, the time of exposure, the activities performed by the worker and the recommendations given by the manufacturer of the personal protective equipment. In an emergency situation or when the concentration of the substance at the site is not known, use personal protective equipment to insulate the body (gas-tight suit completed with insulating respiratory protective equipment).

The employer is obliged to ensure that the personal protective equipment used and the work clothing and footwear have protective and functional properties and to ensure their proper washing, maintenance, repair and disinfection.

8.2.3. Environmental control
Large amounts of product should not be allowed to enter groundwater, sewage, sewage or soil.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

(a) Physical state:	liquid
b) Color:	**???**
(c) Odor:	characteristic
(d) Melting point/freezing point:	not marked
(e) Boiling point or initial boiling point and boiling range:	not determined
(f) Flammability of materials:	flammable product
(g) Lower and upper explosion limits:	not marked
(h) Temperature:	49.5°C
(i) Auto-ignition temperature:	not marked
(j) Decomposition temperature:	not marked
(k) pH:	not applicable
(l) Lepkość kinematyczna (40°C):	13.7 mm^2/s
m)Solubility:	**in water??**
(n)Subdivision factor: n-octanol/water:	not determined
(o) Steam pr:	not marked
(p) Density (15°C):	approx. 0.92 g/cm^3
(q) Relative vapour density:	not determined
(r) Particle characteristics:	not applicable

9.2. Other information
9.2.1. Information on physical hazard classes: no data available
9.2.2. Other safety characteristics
Explosive properties: does not exhibit
Oxidizing properties: does not exhibit

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity
No data available

10.2. Chemical stability
Stable under normal ambient conditions (see section 7 – storage conditions)

10.3. Possibility of hazardous reactions
No data available

10.4. Conditions to be avoided
Ignition sources, open fire, electrostatic discharge

10.5. Non-compliant materials
Strong oxidants

10.6. Hazardous decomposition products
None with appropriate storage/use/transport conditions.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on the hazard classes as defined in Regulation (EC) No 1272/2008
(a) Acute toxicity:
Oral acute toxicity: no data available for the product
Acute skin toxicity: no data available for the product
Acute inhalation toxicity: no data available for the product
The classification of the product for acute toxicity has been calculated in accordance with the guidelines in Annex I, section 3.1.3.6
Oral acute toxicity: ATE (estimated) > 2000 mg/kg – the product is not classified as posing a risk of acute toxicity if swallowed
Acute toxicity skin contact: ATE (estimated) > 2000 mg/kg – the product is not classified as posing a risk of acute toxicity in contact with skin
Acute inhalation toxicity: ATE (estimated) > 20 mg/dm^3/4h (vapours) – the product is not classified as hazardous with acute inhalation toxicity
(b) Skin corrosion/irritation: the product is classified as irritant (hazard category 2)
(c) Serious eye damage/eye irritation: the product is classified as irritant (hazard category 2)
(d) Respiratory or skin sensitising: the product is classified as sensitising in contact with the skin (hazard category 1). May cause an allergic skin reaction. Contains allergen: turpentine
(e) Germ cell mutagenic effects: based on the available data, the classification criteria are not met, the product does not contain hazardous ingredients included in the list of mutagenic substances and products
(f) Carcinogenicity: based on the available data, the classification criteria are not met, the product does not contain hazardous ingredients included in the list of carcinogenic substances and products
(g) Reproductivetoxicity: based on the available data, the classification criteria are not met, the product does not contain hazardous ingredients included in the list of substances and products with reproductive toxicity
(h) Specific target organ toxicity — single exposure: based on available data, the classification criteria are not met
(i) Specific target organ toxicity — repeated exposure: based on available data, the classification criteria are not met
(j) Aspiration hazard: the product is classified as posing an aspiration hazard (hazard category 1). If the product enters (aspiration) from the digestive system into the lungs, they can be seriously damaged - do not allow vomiting.

11.2. Information on other hazards
11.2.1. Endocrine disrupting properties
No data for the product

11.2.2. Other information
Potential health effects:
Inhalation: harmful through the respiratory tract, may cause respiratory irritation
Skin: harmful when absorbed through the skin, causes skin irritation
Eyes: causes eye irritation
Ingestion: harmful if swallowed, respiratory hazards if swallowed may enter the lungs and cause injury
Signs and symptoms of exposure: exposure to high concentrations in the air may cause anesthetic effect, nausea, dizziness, headache
Organs exposed: kidneys, central nervous system, lungs

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity
No data available

12.2. It is ongoing **and able to develop**
No data available

12.3. Zdolność of bioakumulacji
No data available

12.4. Mobilityin soil
No data available

12.5. Assessmentresults inPBT and vPvB
The product does not meet the PBT or vPvB criteria in accordance with Annex XIII of reach.

12.6. Endocrine disrupting properties
No data for the product

12.7. Other harmful effects ofthe action
The product is classified as posing a risk to the environment, has a toxic effect on aquatic organisms, may cause long-lasting adverse changes in the aquatic environment. The product in commercial form poses a significant risk to the environment. Make every effort to ensure that the product does not get into the soil, drinking water sources, water bodies, etc.

SECTION 13. WASTE MANAGEMENT

13.1. Waste disposal methods
Communicate with the manufacturer of the product on the possibility of waste treatment. If this is not possible, transfer for disposal in a facility authorised for the collection, transport, recovery or disposal of waste. Do not enter the sewer.
Disposal of used packaging: it is forbidden to burn them on the surface of the earth or treat them as secondary raw materials. Emptied packages may contain flammable vapours with a risk of explosion. Waste code: 15 01 10* – packaging containing residues of hazardous substances or contaminated with them

SECTION 14. TRANSPORT INFORMATION

14.1. UN number or identification number ID: 1299
14.2.Correct UN shipping name: Turpentine
14.3. Transport hazard class(s): 3
14.4. Packing group: III
14.5. Environmental hazard: yes
14.6. Special precautions for users: see section 7.1

Transport lądowy ADR
Dangerous goods classification code: F1
Warning sticker number: 3
Hazard identification number:30
Packing instructions: P 001
Tunnel pass code:D/E

14.7. Bulk transport in accordance with IMO instruments: not applicable
no data available

SECTION 15. REGULATORY INFORMATION

15.1. Safety, health and environmental legislation specific to a substance or mixture

- Ustawa of 25 February 2011 on chemical substances and their mixtures (consolidated text Journal of Laws of 2020, item 2289)
- Regulation No 1907/2006 of the European Parliament and of the Council of 18.12.2006 on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and 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
- 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
- Commission Regulation (EC) No 790/2009 of 10 August 2009 adapting to scientific and technical progress 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 (1 ATP)
- Commission Regulation (EU) No 286/2011 of 10 March 2011 adapting to scientific and technical progress Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (2 ATP)
- Commission Regulation (EU) No 618/2012 of 10 July 2012 adapting to scientific and technical progress Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (3 ATP)
- Commission Regulation (EU) No 487/2013 of 8 May 2013 adapting to scientific and technical progress Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (4 ATP)
- Commission Regulation (EU) No 944/2013 of 2 October 2013 adapting to scientific and technical progress Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (5 ATP)
- Commission Regulation (EU) No 605/2014 of 5 June 2014 amending, in order to include hazard statements and precautionary statements in Croatian and to adapt to scientific and technical progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (6 ATP)
- Commission Regulation (EU) 2015/1221 of 24 July 2015 amending Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures, in order to adapt it to scientific and technical progress (7 ATP)
- Commission Regulation (EU) 2016/918 of 19 May 2016 amending, for the purposes of its adaptation to scientific and technical progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (8 ATP)
- Commission Regulation (EU) 2016/1179 of 19 July 2016 adapting to scientific and technical progress Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (9 ATP)
- Commission Regulation (EU) 2017/776 of 4 May 2017 adapting to scientific and technical progress Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (10 ATP)
- Commission Regulation (EU) 2018/669 of 16 April 2018 adapting to scientific and technical progress Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (11 ATP)
- Commission Regulation (EU) 2019/521 of 27 March 2019 amending, for the purposes of adapting to scientific and technical progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (12 ATP)
- Commission Regulation (EU) 2018/1480 of 4 October 2018 amending, for the purposes of its adaptation to scientific and technical progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures, and correcting Commission Regulation (EU) 2017/776 (13 ATP)
- Commission Delegated Regulation (EU) 2020/217 of 4 October 2019 amending, for the purposes of its adaptation to scientific and technical progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures, and correcting that Regulation (14 ATP)
- Commission Delegated Regulation (EU) 2020/1182 of 19 May 2020 amending, for the purposes of adapting to scientific and technical progress, Part 3 of Annex VI to Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (15 ATP)

- Commission Delegated Regulation (EU) 2021/643 of 3 February 2021 amending, for the purposes of adapting to scientific and technical progress, Part 1 of Annex VI to Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (16 ATP)
- Commission Delegated Regulation (EU) 2021/849 of 11 March 2021 amending, for the purposes of adapting to scientific and technical progress, Part 3 of Annex VI to Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (17 ATP)
- Commission Delegated Regulation (EU) 2022/692 of 16 February 2022 amending, for the purposes of adapting to scientific and technical progress, Part 3 of Annex VI to Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (18 ATP)
- 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)
- Commission Regulation (EU) 2017/542 of 22 March 2017 amending Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures by adding an Annex on harmonised information related to emergency health assistance
- Commission Delegated Regulation (EU) 2020/11 of 29 October 2019 amending Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures by adding an Annex on harmonised information related to emergency health assistance
- 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 work environment (Journal of Laws of 2018, item 1286)
- Regulation of the Minister of Family, Labour and Social Policy of 9 January 2020 amending the Regulation on the maximum permissible concentrations and intensities of factors harmful to health in the work environment (Journal of Laws of 2020, item 61)
- Regulation of the Minister of Development, Labour and Technology of 18 February 2021 amending the Regulation on the maximum permissible concentrations and intensities of factors harmful to health in the working environment (Journal of Laws of 2021, item 325)
- Regulation of the Minister of Health of 2 February 2011 on tests and measurements of factors harmful to health in the working environment (Journal of Laws of 2011, No. 33, item 166)
- Regulation of the Minister of Health of 11 October 2019 amending the Regulation on tests and measurements of factors harmful to health in the work environment (Journal of Laws of 2019, item 1995)
- Regulation of the Minister of Labour and Social Policy on general occupational health and safety regulations" (consolidated text: Journal of Laws of 2003, No. 169, item 1650)
- Regulation of the Minister of Health of 30 December 2004 on occupational health and safety related to the occurrence of chemical agents in the workplace (consolidated text: Journal of Laws of 2016, item 1488)
- 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
- Regulation of the Minister of the Environment of 26 January 2010 "On reference values for certain substances in the air" (Journal of Laws of 2010, No. 16, item 87)
- Regulation of the Minister of Maritime Economy and Inland Navigation of 12 July 2019 on substances particularly harmful to the aquatic environment and conditions to be met when introducing sewage into waters or into the ground, as well as when discharging rainwater or meltwater into waters or water facilities (Journal of Laws of 2019, item 1311)
- Act of 27 April 2001 Environmental protection law (consolidated text, Journal of Laws of 2020, item 1219)
- Act of 14 December 2012 on waste (consolidated text: Journal of Laws of 2022, item 699)
- Regulation of the Minister of Climate of 2 January 2020 "On the waste catalogue" (Journal of Laws of 2020, item 10)
- Act of 13 June 2013 on packaging and packaging waste management (consolidated text, Journal of Laws of 2020, item 1114)
- Government statement of 15 February 2021 on the entry into force of amendments to Annexes A and B to the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), done at Geneva on 30 September 1957 (Journal of Laws of 2021, item 874)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the product

SECTION 16. OTHER INFORMATION

Explanation of the categories and hazard statements for the hazardous substance in the product:

Flam. Liq. 3 Flammable liquid hazard category 3
Acute Tox. 4 (oral) Acute toxicity (oral) hazard category 4
Acute Tox. 4 (derm) Acute toxicity (skin) hazard category 4
Acute Tox. 4 (inh) Acute toxicity (respiratory tract) hazard category 4
Skin Irrit. 2 Corrosive effects on the skin and hazard category 2
Eye Irrit. 2 Serious eye damage/eye irritation hazard category 2
Skin Sens. 1 Actions do not sensitizeto skina category of danger 1
Asp. Tox. 1 Aspiration hazard hazard category 1
Aquatic Acute 1 Hazardous to the aquatic environment ACUTE, hazard category 1
Aquatic Chronic 1 Aquatic Hazard CHRONIC, Hazard Category 1
Aquatic Chronic 2 Poseathreat to the aquatic environment hazard category 2

H226 Flammable liquid and vapour
H302 Harmful
H304 If you are in danger of dying through the respiratory tract
H312Harmful effects in contact with skin
H315 Action on the skin
H317 May cause allergic skin reactions
H319 Irritating to the eyes
H332 Harmful effectsin the followinginhalation
H400 Very toxic to aquatic organisms
H410 Highly toxic to aquatic life with long-term effects
H411Toxic to aquatic organisms, causing permanent effects

Explanation of abbreviations and acronyms used in the safety data sheet:
UFI – (Unique Formula Identifier) unique identifier of the active form
PBT – persistence, bioaccumulation and toxicity
vPvB – very high durability and very high bioaccumulation capacity
CAS – Chemical Abstracts Service
EC – number assigned to a chemical in the European List of Existing Commercial Substances or in the European List of Notified Chemicals, or in the list of chemical substances listed in the publication "No-longer polymers"
NDS – maximum permissible concentration of a substance harmful to health in the working environment
NDSCh – the maximum instantaneous permissible concentration of a substance harmful to health in the working environment
DSB – permissible concentration in biological material
DNEL – Derived No Effect Level
PNEC – Predicted No Effect Concentration
DGW – lower explosion limit
GGW – upper explosion limit
LD50 – dose causing 50% of fatal cases
LC50 – concentration causing 50% of fatal cases
EC50 – concentration causing a 50% survival reaction
UN number – the identification number of the material (UN number, UN number)
ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road
RID - Regulations for the International Carriage of Dangerous Goods by Rail
IMDG – International Maritime Dangerous Goods Code
ICAO - Technical Instructions for the Safe Transport of Hazardous Materials by Air
PCN – Poison Center Notification

The safety data sheet has been prepared in accordance with 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).

The classification of the product by calculation method was made on the basis of the content of hazardous ingredients in accordance with 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.

PCN Register Notification Number:

Training:
Persons in contact with the product before starting work should be trained in the properties and method of handling the above-mentioned product. Use in accordance with the method of use recommended by the manufacturer.

Data sources on the basis of which the safety data sheet was developed:
The charter has been developed on the basis of safety data sheets of individual components, literature data and knowledge and experience, taking into account the currently applicable regulations.
ECHA European Chemicals Agency, http://echa.europa.eu/

Reservations:
The data contained in the fiche should only be considered as an aid to safe handling of transport, distribution, use and storage. The User is liable for improper use of the information contained in the Card or improper use of the product.

The safety data sheet was prepared by: Dr. Piotr Mikołajewicz
Card developed by: F.U. VELA (tel. +48 782 282 392, e-mail: biuro@vela-doradztwo.pl)