SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier
Trade name: **BIOSTRIP 20**
UFI number: NFS2-M0TF-200V-XGTY

1.2. Relevant identified uses of the substance or mixture and uses advised against:
1.2.1. Relevant identified uses
Paint remover. For consumer and professional use.
1.2.2. Uses advised against
Other then listed in section 1.2.1.

1.3. Details of the supplier of the safety data sheet:
Bio-tech Sp. z o.o. Sp.k.
Address:ul. Łowińskiego 7e, 31-752 Kraków, Poland
Tel.: +48 730 870 025
Person responsible for MSDS: Aldona Marciniec, e-mail: info@bio-tech.biz

1.4. Emergency telephone number:
Producer's emergency telephone number: +48 503 678 900

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture:

According to the Regulation (WE) no 1272/2008 (as amended)

Acute Tox. 4 (oral) – Acute Toxicity (swallowing), Hazard Category 4; with assigned phrase stating the type of hazard
H302 Harmful if swallowed

Acute Tox. 4 (inh) – Acute Toxicity (inhalation), Hazard Category 4; with assigned phrase stating the type of hazard
H332 Harmful if inhaled

Eye Irrit. 2 – Serious eye damage/eye irritation, Hazard Category 2; with assigned phrase stating the type of hazard
H319 Causes serious eye irritation

Physical/chemical hazards: product isn't classified as hazardous
Health hazard: product is classified as hazardous to health, irritating to eyes, harmful if swallowed or inhaled
Environmental hazards: product isn't classified as hazardous to environment

2.2. Label elements

Pictogram:

GHS 07

Signal Word: Warning

Hazard statements:
H302 + H332 Harmful if swallowed or if inhaled
H319 Causes serious eye irritation

Precautionary Statement:
General:
P101 If medical advice is needed, have product container or label at hand
Prevention:
P261 Avoid breathing mist/vapours/spray
P280 Wear protective gloves/protective clothing/eye protection/face protection
Response:
P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you fell unwell
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Storage:
-
Disposal:
-

Hazardous Ingredients: benzyl alcohol no CAS 100-51-6

UFI number: NFS2-M0TF-200V-XGTY

2.3. Other hazards:
The mixture doesn't meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.
The mixture doesn't contain SVHC substances at a concentration equal to or greater than 0,1 % by weight
The mixture doesn't contain substances identified as having endocrine disrupting properties at a concentration equal to or greater than 0,1 % by weight.
Due to low pH potentially hazardous for water environment in case of large spillage

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance
Not applicable

3.2 Mixtures
The product is a mixture. Content: hazardous ingredients listed below, additives not classified as hazardous or at concentration below applicable concentrations or specific concentration limits.

The classification of hazardous substances contained in the product is given in Table 3 of Annex VI to the Regulation of the European Parliament and Council Regulation (EC) No 1272/2008 including its amends, REACH data, the manufacturer and available literature data.

No CAS	No EC	Index number	REACH registration number	Chemical name	Quantity	Hazard Class and Category Code(s)	Hazard statement Code(s)
100-51-6	202-859-9	603-057-00-5	01-2119492630-38-xxxx	benzyl alcohol*,**	30 – 40 % w/w	Acute Tox. (oral) 4, Acute Tox. (inh) 4, Eye Irrit. 2	H302, H319, H332
1300-72-7	215-090-9	not assigned	no data	sodium xylensulphonate**	10 – 15 % w/w	Eye Irrit. 2	H319
108-32-7	203-572-1	607-194-00-1	01-2119537232-48-xxxx	propylene carbonate***	1 – 5 % w/w	Eye Irrit. 2	H319

* Substance for which there are Community workplace exposure limits
** Classification of substance is acc. to producer and REACH data
*** Classification of substance is acc. to Table 3 of Annex VI to the Regulation of the European Parliament

and Council Regulation (EC) No 1272/2008
For the wording of the listed H phrases and hazard class refer to section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures
General recommendations
In the event of health problems, immediately contact doctor. Show MSDS of product.
In case of indisposition or labour injury immediately call a professional health service. Show the pictograms and H, P statements from the safety data sheet or label to a doctor. Inform the doctor on provided first aid. Do not evoke vomiting in any case. If the affected person vomits, turn him/her on side (position of the head on its side) in order to prevent suffocating with vomits. Never give anything by mouth to an unconscious person. Take off contaminated clothing.

Protection of first aid responders
Do not take any action that would create a risk to the rescuer unless suitable training.

Contamination of the skin: Remove contaminated clothing. Contaminated areas of the skin wash thoroughly water with soap, use emergency shower in case of large area contamination. In the case of persistent irritation consult a doctor.

Contamination of the eye: Flush contaminated eyes with wide-open eyelids a continuous stream of water for about 15 minutes. In the case of persistent irritation consult an ophthalmologist.

Inhalation: If exposure, move victim to fresh air. Keep warm and quiet. Consult with doctor. Conscious person placed in a rest half seated, ensure calm and warm, unconscious person lay in the recovery position. If breathing is difficult, give oxygen, in the absence of breath use artificial respiration. Seek medical advice immediately.

Ingestion: Rinse mouth thoroughly with water. Do not induce vomiting. Contact with doctor immediately and show product label.

4.2. Most important symptoms and effects, both acute and delayed
Acute symptoms – contact with eyes: watering, redness, pain. Contact with skin: irritation, redness
Delayed symptoms – no data
Effects of exposure – no data

4.3. Indication of any immediate medical attention and special treatment needed
Note to Physician: No specific antidote, treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media
Suitable extinguishing agents: The product itself does not burn. Coordinate fire-fighting measures to the fire surroundings: CO_2, powders and foam, water spray, sand
Extinguishing media which must not be used for safety reasons: a strong jet of water – the risk of fire spreading

5.2. Special hazards arising from the substance or mixture
The thermal decomposition / combustion of the product may produce harmful and corrosive gases and fumes. Avoid inhalation of combustion products, may pose a threat to health.

5.3. Advice for fire-fighters
Strictly apply the breathing apparatus and protective clothing for fire fighting or during clean-up work immediately after a fire in an enclosed or poorly ventilated areas.

General: inform about the fire, call the appropriate emergency services. Remove from the endangered area unauthorized persons, not involved in extinguishing the fire, order evacuation if necessary.

Additional notes: packaging which are not covered by the fire, exposed to fire or high temperature should be cooled by water from a safe distance, and if possible removed from the hazardous area.
Fire residues and contaminated waters dispose in according to applicable regulations. Do not introduce contaminated waters into drains.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Use personal protective equipment, especially respiratory protection in case of contact risk with vapour/fumes/aerosols of product. Avoid direct contact with releasing product with unprotected skin and eyes. Avoid breathing vapours.
Inform about the accident, call the appropriate emergency services (e.g. Fire Brigade, Police). Remove from the hazardous area all persons not taking part in the emergency, order evacuation if necessary. Provide adequate ventilation. Particular danger of slipping on leaked/spilled product.

6.1.2. For emergency responders

See information in section 8

6.2. Environmental precautions

Do not allow to enter drains, groundwater, soil and open water courses. Spilled product protect against spreading using dams or barriers.

6.3. Methods and material for containment and cleaning up

In case of container leakage, spillage of the product, protect the source of leak, pour the product into an empty container or place damaged container in an emergency one. Limit the spread of spill by the embankment of land, large quantities of liquid pump out. Small amounts of spilled liquid soak up with non-flammable, absorbent material (sand, diatomite, universal binders, etc.) gather in closed container for disposal and utilized. Perform clean-up work with adequate ventilation. Rinse contaminated surface with water and detergent.

6.4. Reference to other sections

Personal protective equipment – section 8.
Waste disposal – section 13

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid vapour/mist/aerosol inhalation, contact with eyes and skin. When handling the product, do not eat, drink or take medication. Ensure adequate ventilation /exhaust in the workplace, prevent the formation of harmful concentrations of vapour in the air, work in well ventilated areas. Observe good personal hygiene and wear protective clothing in accordance with information set out in section 8.

Industrial hygiene

- ensure good ventilation (overall and local exhausted ventilation),
- ensure place for eyes and skin rinsing, emergency shower,
- immediately remove contaminated clothes,
- remove spillage,
- wash hands with soap and water before eating, smoking and after work,
- don’t drink, eat, smoke when use product
- use general caution while working with chemical substances.

Special measures for protection against fire and explosion:
Not required

7.2. Conditions for safe storage, including any incompatibilities

Store only in certified, properly labelled, sealed containers in well-ventilated warehouse. Protect packaging from heat, direct sunlight, mechanical damage. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Do not use uncleaned packaging for pouring the product. Before reusing the packaging, make sure that it does not contain any residues incompatible with the product.

7.3. Specific end use(s)

See section 1.2.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational Exposure Limit Value (Poland):

Hazardous Ingredients	No CAS	LTEL mg/m^3	STEL, mg/m^3
Benzyl alcohol	100-51-6	240	200

Allowable concentration of hazardous ingredient in biological material:

Not determined

DNEL, PNEC value:

Not determined for product

DNEL value for workers (regarding hazardous components of product):

Hazardous component	Route of hazard	Acute/short term exposure		Long term exposure	
		Local effects	Systemic effects	Local effects	Systemic effects
Benzyl alcohol	Oral	-	-	-	-
	Dermal	-	-	40 mg/kg b.w./day	8 mg/kg b.w./day
	Inhalation	-	-	110 mg/m^3	22 mg/m^3

DNEL value for general population (regarding hazardous components of product):

Hazardous component	Route of hazard	Acute/short term exposure		Long term exposure	
		Local effects	Systemic effects	Local effects	Systemic effects
Benzyl alcohol	Oral	-	-	20 mg/kg b.w./day	4 mg/kg b.w./day
	Dermal	-	-	20 mg/kg b.w./day	4 mg/kg b.w./day
	Inhalation	-	-	27 mg/m^3	5,4 mg/m^3

PNEC value (regarding hazardous components of product):

Benzyl alcohol	Aqua (fresh water)	1 mg/l
	Aqua (marine water)	0,1 mg/l
	STP	39 mg/l
	Sediment (fresh water)	5,27 mg/kg sediment dw
	Sediment – marine water	0,53 mg/kg sediment dw
	Soil	0,46 mg/kg soil dw

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Use engineering controls to reduce air contamination to permissible exposure level.
General and as needed local exhaust ventilation.

8.2.2. Individual protection measures, such as personal protective equipment

a) Respiratory protection – is not necessary under normal conditions with sufficient ventilation, required during exposure to high concentrations of vapours. Wear mask or respirator completed with the filter type A.
b) Hand protection – wear protective gloves made of: butyl rubber, neoprene, nitrile rubber, polyvinylchloride, thickness min. 0,7mm. The Breakthrough Time > 480 min. Material of gloves must be resistant to the product. As the product is a mixture of several substances, the resistance of material of gloves can't be calculated in advance and therefore has to be checked before use. From the manufacturer's advice should be obtained information about the time of the penetration of substances and such time must be respected. The Breakthrough Time indicated by the manufacturer must exceed the period during which

the product is being used. It is recommended to change gloves and replace them immediately if you notice any signs of wear, damage (rupture, perforation) or changes in appearance (colour, flexibility, shape).
c) Eye protection – required safety glasses in a sealed cover (goggles)
d) Skin protection – wear protective clothing, protective footwear. Assure sufficient cleaning of contaminated clothes after finishing or interruption of works, or replace them with the clean one.
e) Thermal hazards – not applicable

EN standards for personal protective equipment:
EN 140:1999/AC:2000 - Respiratory protective devices - Half masks and quarter masks - Requirements, testing, marking
EN 143:2021 - Respiratory protective devices - Particle filters - Requirements, testing, marking
EN 149:2001+A1:2009 Respiratory protective devices - Filtering half masks to protect against particles - Requirements, testing, marking
EN ISO 21420:2020 - Protective gloves - General requirements and test methods (ISO 21420:2020)
EN ISO 374-1:2017/A1:2018 - Protective gloves against dangerous chemicals and micro-organisms - Part 1: Terminology and performance requirements for chemical risks - Amendment 1 (ISO 374-1:2016/Amd 1:2018)
EN ISO 374-2:2020 - Protective gloves against dangerous chemicals and micro-organisms - Part 2: Determination of resistance to penetration (ISO 374-2:2019)
EN 16523-1:2015+A1:2018 Determination of material resistance to permeation by chemicals - Part 1: Permeation by potentially hazardous liquid chemicals under conditions of continuous contact
EN ISO 16321-1:2022 - Eye and face protection for occupational use - Part 1: General requirements (ISO 16321-1:2021)
EN ISO 16321-3:2022 - Eye and face protection for occupational use - Part 3: Additional requirements for mesh protectors (ISO 16321-3:2021)
EN ISO 4007:2018 Personal protective equipment - Eye and face protection - Vocabulary
EN ISO 13688:2013 Protective clothing - General requirements
EN 14605:2005+A1:2009 Protective clothing against liquid chemicals - performance requirements for clothing with liquid-tight (Type 3) or spray-tight (Type 4) connections, including items providing protection to parts of the body only (Types PB [3] and PB [4])
EN ISO 20345:2022 - Personal protective equipment - Safety footwear (ISO 20345:2021)
EN 407:2020 Protective gloves and other hand protective equipments against thermal risks (heat and/or fire)

When the concentration of hazardous substances is fixed and known, the selection of personal protective equipment should be made taking into account the concentration of the substance present in a given workplace, exposure time, the activities performed by the employee and the recommendations given by the manufacturer of personal protective equipment. In an emergency situation or where the concentration in the workplace is not known, use personal protection isolating body (tight suit completed with isolating respiratory protective equipment.)
Applied personal protective equipment must meet the requirements contained in the Directive 89/686/WE (with later changes). Procedures monitoring concentrations of hazardous compounds in the air and air quality in the workplace - if they are available and appropriate for given workplace - in accordance with the relevant local or European Standards, taking into account the conditions prevailing in the place of exposure and appropriate measurement methodology adapted to the conditions of work.

8.2.3. Environmental exposure controls:
Do not allow to enter large amounts of product into ground water, sewage, waste water or soil.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

a) Physical state	liquid
b) Colour	white
c) Odour	characteristic
d) Melting point/freezing point	not determined
e) Boiling point or initial boiling point and boiling range	not determined
f) Flammability	nonflammable in handling form
g) Lower and upper explosion limit	not determined

h) Flash point	not determined
i) Auto-ignition temperature	not determined
j) Decomposition temperature	not determined
k) pH	3
l) Kinematic viscosity	not determined
m) Solubility	in presence of excess water it separates
n) Partition coefficient n-octanol/water (log value)	not determined
o) Vapour pressure	not determined
p) Density	1,05 – 1,15 g/cm^3
q) Relative vapour density	not determined
r) Particle characteristics	does not apply

9.2. Other information
9.2.1. Information with regard to physical hazard classes: no data
9.2.2. Other safety characteristics

Explosive properties:	no
Oxidising properties:	no

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
No data

10.2. Chemical stability
Stable under normal conditions (see Section 7 - storage conditions)

10.3. Possibility of hazardous reactions
No data

10.4. Conditions to avoid
Excessive heat

10.5. Incompatible materials
Strong oxidizers

10.6. Hazardous decomposition products
Under normal conditions of use are not known

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008
a) Acute toxicity:
Acute Oral Toxicity LD50: no data for product
Acute Dermal Toxicity LD50: no data for product
Acute Inhalation Toxicity LC50: no data for product
Classification of acute toxicity of product was made by calculation method acc. to Annex I point 3.1.3.6
Acute toxicity of hazardous components:
Acute Oral Toxicity LD50 (rat): 1045 mg/kg b.w. (regarding benzyl alcohol)
Acute Infhalation Toxicity LC50 (rat): > 4,2 mg/dm^3/4h (mist) (regarding benzyl alcohol)
ATE value (calculated, estimate made by the manufacturer) after swallowing > 300 – 2000 mg/kg b.w.– product is classified as acute toxicity (swallowing) hazardous, hazard category 4
ATE value (calculated, estimate made by the manufacturer) after skin contact > 2000 mg/kg b.w. – product isn't classified as acute toxicity (skin contact) hazardous
ATE value (calculated, estimate made by the manufacturer) after inhalation > 1 – 5 mg/dm^3/4h (mist) – product is classified as acute toxicity (inhaled) hazardous, hazard category 4
b) Skin corrosion/irritation: based on available data, the classification criteria are not met

c) Serious eye damage/irritation: product is classified as irritant (hazard category 2)
d) Respiratory or skin sensitisation: based on available data, the classification criteria are not met
e) Germ cell mutagenicity: based on available data, the classification criteria are not met. Hazardous ingredients of the product aren't mentioned on the list of mutagenic substances
f) Carcinogenicity: based on available data, the classification criteria are not met. Hazardous ingredients of the product aren't mentioned on the list of carcinogenic substances.
g) Reproductive toxicity: based on available data, the classification criteria are not met. Hazardous ingredients of the product aren't mentioned on the list of reproductive toxicity substances
h) STOT-single exposure: based on available data, the classification criteria are not met
i) STOT-repeated exposure: based on available data, the classification criteria are not met
j) Aspiration hazard: based on available data, the classification criteria are not met

11.2 Information on other hazards
11.2.1. Endocrine disrupting properties
The product doesn't contain substances identified as having endocrine disrupting properties at a concentration equal to or greater than 0,1 % by weight.

11.2.2. Other information
No available data for product

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity
No data for product
Toxicity of hazardous components:
Acute toxicity to fish (*Pimephales promelas*) LC50 (96h): 460 mg/dm^3 (regarding benzyl alcohol)

12.2. Persistence and degradability
No data for product

12.3. Bioaccumulative potential
No data for product

12.4. Mobility in soil
No data for product

12.5. Results of PBT and vPvB assessment
Product doesn't meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6. Endocrine disrupting properties
The product doesn't contain substances identified as having endocrine disrupting properties at a concentration equal to or greater than 0,1 % by weight.

12.7. Other adverse effects
The product is not classified as hazardous to the environment, due to its low pH, it creates an additional hazard to aquatic organisms in the event of its release to waters in large amounts. In handling form it is a potentialhazard to the environment.
Make sure that the product does not get into the soil, drinking water sources, water reservoirs, etc.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods:
Dispose of waste in accordance with all Federal, State and Local regulations.
Waste of product: communicate with the manufacturer of the product on the possibility of processing waste. If it's not possible, deliver it to utilization in plants permitted to waste collection, transport, waste recov-

ery and disposal. Do not empty into drains. Do not waste landfilled. Recovery or disposal of waste product should be made in accordance with applicable regulations.

Disposing of the packaging: it is prohibited to burn them on the ground. Reusable packaging after cleaning can be further used if necessary.
Waste code: 15 01 10* packaging containing residues of or contaminated by dangerous substances

SECTION 14: TRANSPORT INFORMATION

14.1. UN number or ID number: doesn't concern
14.2. UN proper shipping name: doesn't concern
14.3. Transport hazard class: doesn't concern
14.4. Packing group: doesn't concern
14.5. Environmental hazards: no
14.6. Special precautions for user: see section 7.1
14.7. Maritime transport in bulk according to IMO instruments: doesn't concern

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
- Regulation (EC) No 1907/2006 of the European Parliament and of the Council from 18.12.2006 concerning the Registration, Evaluation, Authorization and Restriction from Chemicals (REACH)
- 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 (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 (EC) No 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (1 ATP)
- Commission Regulation (EU) No 286/2011 of 10 March 2011 amending, for the purposes of its adaptation to technical and scientific 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 amending, for the purposes of its adaptation to technical and scientific 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 amending, for the purposes of its adaptation to technical and scientific 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 amending, for the purposes of its adaptation to technical and scientific 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, for the purposes of introducing hazard and precautionary statements in the Croatian language and its adaptation to technical and scientific 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, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (7 ATP)
- Commission Regulation (EU) 2016/918 of 19 May 2016 amending, for the purposes of its adaptation to technical and scientific 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 amending, for the purposes of its adaptation to technical and scientific 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 amending, for the purposes of its adaptation to technical and scientific 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 amending, for the purposes of its adaptation to technical and scientific 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) 2018/1480 of 4 October 2018 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (13 ATP)
- Commission Delegated Regulation (EU) 2020/217 of 4 October 2019 amending, for the purposes of its adaptation to technical and scientific 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 its adaptation to technical and scientific 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 its adaptation to technical and scientific 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 its adaptation to technical and scientific 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)
- European agreement concerning international road transport of dangerous products (ADR)

Federal, State and Local regulations.

15.2. Chemical safety assessment

Chemical safety assessment was not made for the product

SECTION 16. OTHER INFORMATION

Explanation of hazard class and phrases referring hazardous substances contained in product:

Acute Tox. 4 (oral) Acute Toxicity (swallowing) Hazard Category 4
Acute Tox. 4 (inh) Acute Toxicity inhalation Hazard Category 4
Eye Irrit. 2 Serious eye damage/eye irritation, Hazard Category 2

H302 Harmful if swallowed
H319 Causes serious eye irritation
H332 Harmful if inhaled

Explanation of abbreviations and acronyms used in the MSDS:
UFI – Unique Formula Identifier
PBT – persistence, bioaccumulation potential and toxicity
vPvB – very high durability and very bioaccumulative
CAS – Chemical Abstracts Service
EC – the number assigned to chemicals in the European Inventory of Existing Commercial Chemical Substances or European List of Notified Chemical Substances, or in the list of chemicals listed in the publication of "No-longer polymers".
STEL – Short Term Exposure Limits maximum of a substance harmful to health in the workplace
LTEL – Long Term Exposure Limits maximum of a substance harmful to health in the workplace
DSB – permissible concentration in biological material
DNEL – Derived No Effect Level
PNEC – Predicted No Effect Concentration
LEL – Lower Explosive Limit

UEL – Upper Explosive Limit
LD50 – Lethal Dose 50%
LC50 – Lethal Concentration 50%
UN number – identification number of the material (the number of UN, UN number)
ADR – European Agreement concerning the international carriage of dangerous goods by road
PCN – Poison Center Notification

MSDS was 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)

Classification of mixture was made based on content of hazardous components, according to the Regulation (EC) No 1272/2008.

Registration number in PCN: LFY337638-12

Source of data: this MSDS was prepared based on MSDS of ingredients, data of product, our knowledge and experience according to actual legislation.
ECHA European Chemicals Agency, http://echa.europa.eu/

Recommendation and restriction of use: Use according to label. Additional safety information available at producer. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

Update from 10.06.2023 regarding section 15.