



No document: DOC-OUT-68
Date of creation: 02.02.2024
Version: 00
Update:

SAFETY DATA SHEET

FOXITWIPES

PE pipe cleaning wipes

Commission Regulation (EU) 2020/878 of June 18, 2020 amending the Annex to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)



FOX Fittings Sp. z o.o.
43-330 Wilamowice, ul. Więźniów Oświęcimia 50
tel. (33) 845 70 23
www.foxfittings.com; office@foxfittings.com

Section 1. Identification of the mixture and identification of the company

1.1. Product identification: FOXITWIPES – PE pipe cleaning wipes

1.2. Relevant identification of the mixture and uses advised against
Identified use:

Wipes for cleaning surfaces before welding thermoplastic materials, such as: PE, HDPE.

Uses advised against:

Not specified.

1.3. Delivery data of the safety data sheet

FOX Fittings Sp. z o.o.
43-330 Wilamowice, ul. Więźniów Oświęcimia 50
tel. (33) 845 70 23
www.foxfittings.com/pl; office@foxfittings.com

1.4. Emergency phone number

Centrum Informacji Toksykologicznej (042) 42 631 47 25 (from 7 to 15)
24-hour numbers: 112 (emergency phone), 998 (firefighting), 999 (emergency)

Section 2. Hazard identification

2.1. Classification of the substance or mixture

Classification acc (WE) no 1272/2008 (CLP)

Flam. Liq. 2 H225- Highly flammable liquid and vapor.
Eye Irrit. 2 H319 - Irritating to eyes.



2.2. Signage elements:

Pictograms indicating the type of danger



Warning word: Danger

Names of hazardous substances listed on the label:

N/a

Hazard statement:

H319 - Irritating to eyes

H225 - Highly flammable liquid and vapor

Precautionary phrases:

P101 - If you need to consult a doctor, show the container or label.

P102 - Keep away from children.

P210 - Keep away from heat/sparks/open flames/hot surfaces - Smoking prohibited.

P233 - Store the container tightly closed.

P305+P351+P338 - In case of getting into the eyes: rinse carefully with water for several minutes. Remove contact lenses, if any and they can be easily removed, continue to rinse.

P337+P313 - If eye irritation persists: Seek medical advice/attention.

P501 - Dispose of contents / container to in accordance with local regulations.

Supplementary information:

N/a

2.3. Other risks

The components of the mixture do not meet the PBT or vPvB criteria according to Annex XIII of REACH. The product does not contain ingredients included in the list established in accordance with Article 59 (1) as having endocrine disrupting properties or ingredients with endocrine disrupting properties in accordance with the criteria of Regulation 2017/2100/EU or Regulation 2018/605/EU in concentrations equal to or greater than 0.1%.

Section 3. Composition/information about ingredients

3.1. Substance

N/a

3.2. Mixture

The product in the form of wipes soaked with the following substances. Classification and labeling apply to the liquid soaking wipes.



Hazardous ingredients	% weig.	No CAS	No WE	No registration	No index	H-phrases
Ethanol	C < 70 %	64-17-5	200-578-6	01-2119457610-43-0391	603-002-00-5	Flam.Liq.2 H225, Eye Irrit.2 H319
Butanon ¹	C < 3 %	78-93-3	201-159-0	01-2119457290-43-XXXX	606-002-00-3	Flam.Liq.2 H225, Eye Irrit.2 H319 STOT SE 3; H336: EUH066
Propan-2-ol	C < 3 %	67-63-0	200-661-7	01-2119457558-25-XXXX	603-117-00-0	Flam.Liq.2 H225, Eye Irrit.2 H319 STOT SE 3; H336: EUH066

Section 4. First aid measures

4.1. Description of first aid measures

Routes of exposure: inhalation, gastrointestinal tract, skin contact, eye contact

Inhalation

Remove or carry the affected person to fresh air and provide conditions for free breathing. Seek medical advice if symptoms persist or in any doubt.

Consumption

Due to organoleptic properties, there is a low probability of exposure by this route. However, if swallowed, rinse out the mouth with water. Never put anything into the mouth of an unconscious person. Contact a doctor if there are alarming symptoms.

Skin contact

Immediately remove/remove all contaminated clothing. Rinse skin under a stream of water/shower. Seek medical advice if symptoms persist or if in any doubt.

Eye contact

Protect the non-irritated eye, remove contact lenses. Rinse contaminated eyes thoroughly with water for 10-15 minutes. Avoid strong stream of water - risk of corneal damage.

4.2. Main acute symptoms and effects of exposure

In contact with the skin

The product may cause redness, burning, dryness.

In contact with the eyes

The product may cause burning, irritation, tearing.



In case of consumption

Exposure by this route does not occur.

After exposure by inhalation

High concentrations of vapors and mists can cause headaches, dizziness, drowsiness.

Other exposure effects

There are no known effects other than those mentioned above.

4.3. Indication of any immediate medical attention and special treatment of the victim

The decision on emergency treatment is made by the doctor after a thorough assessment of the condition of the victim. Symptomatic treatment.

Section 5. Handling a fire

5.1. Fire extinguishing agents

Appropriate: extinguishing foam, carbon dioxide, water spray, extinguishing powder.

Inappropriate: dense stream of water - danger of fire spreading.

5.2. Special hazards of the substance or mixture

During combustion, harmful gases may be formed, including carbon monoxide, other dangerous unidentified thermal decomposition products. Avoid inhaling the products of combustion, may pose a health hazard.

5.3. Information for firefighters

Highly flammable liquid and vapors. Vapors of the product are heavier than air and accumulate in the lower parts of the premises. There is a high probability of the formation of an explosive mixture with air - in case of such danger, order immediate evacuation. General protective measures typical in case of fire. Do not stay in a fire-prone area without appropriate chemical-resistant clothing and breathing apparatus with independent air circulation. Cool fire-threatened containers from a safe distance with a spray of water. Collect used extinguishing agents.

Section 6. Handling of unintentional release into the environment

6.1 Individual precautions, protective equipment and emergency procedures

Restrict access of the public to the accident area until appropriate cleanup operations are completed. Ensure that only trained personnel remove the effects of the accident. For large releases, isolate the affected area. Use personal protective equipment.

6.2. Precautions for environmental protection

Do not allow the product to enter the sewage system, surface water and soil. If larger amounts of product are released, take steps to prevent spreading into the environment. Notify the appropriate emergency services.

6.3. Methods and materials for preventing the spread of contamination and for the removal of contamination

Collect the released product mechanically. Hand over the collected material for reuse or treat it as waste by placing it in properly labeled containers. Proceed further in accordance with applicable regulations.



6.4. Reference to other sections

Product waste handling - see section 13 of the card. Personal protective equipment - see section 8 of the card.

Section 7. Handling and storage of substances and mixtures

7.1. Precautions for safe handling

Keep containers tightly closed when not in use to prevent wipes from drying out. Work in accordance with safety and hygiene rules. Provide general and/or local ventilation in the workplace to keep the concentration of the harmful agent in the air below the established concentration limits. Use personal protective equipment. Wash hands before breaks and after work. Do not eat, drink or smoke during work. Avoid contamination of the skin. Eliminate sources of ignition - do not use open flame, do not smoke, do not use sparking tools and clothing made of fabrics prone to electrification.

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

Store in properly labeled, airtight containers in a dry, cool and well-ventilated place. Protect from drying out. Store away from incompatible materials (subsection 10.5.) and foodstuffs and animal feed. Store away from sources of fire. Observe the prohibition of smoking, use of open flames and sparking tools in the storage area.

7.3. Specific end uses

No information on uses other than those specified in subsection 1.2.

Section 8. Exposure controls/personal protective equipment

8.1. Control parameters

Maximum Permissible Concentrations

Name of substance	NDS	NDSCh	NDSP	DSB	Comments
Ethanol	1900 mg/m ³	–	–	–	–
Butanon	450 mg/m ³	900 mg/m ³	–	–	Skin
Propan-2-ol	900 mg/m ³	1200 mg/m ³	–	–	Skin

Skin - means that the absorption of the substance through the skin may be as important as with inhalation exposure. Legal basis: the Journal of Laws. 2018 item 1286, as amended.

Recommended monitoring procedures

Procedures for monitoring concentrations of hazardous components in the air and procedures for controlling air cleanliness in the workplace should be applied - if available and reasonable for the position - 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 of the Regulation of the Minister of Health of February 2, 2011. (i.e., Journal of Laws 2023, item 419).



DNEL / PNEC

ethanol [CAS 64-17-5]			
Exposure route	Exposure scheme	DNEL	
		employee	consumer
Inhalation	Long-term systemic	950 mg/m ³	114 mg/m ³
Skin	Long-term systemic	343 mg/kg m.c./day	206 mg/kg m.c./day
Orally	Long-term systemic	—	87 mg/kg m.c./day

ethanol [CAS 64-17-5]	
PNEC	Value
Sea water	0,79 mg/l
Fresh water	0,96 mg/l
Soil	0,63 mg/kg dry weight
Fresh water sediment	3,6 mg/kg dry weight
Sea water sediment	2,9 mg/kg dry weight
Sewage treatment plant	580 mg/l
Secondary poisoning	0,38 g/kg feeds
Fresh water (occasional release)	2,75 mg/l

butanone [CAS 78-93-3]			
Exposure route	Exposure scheme	DNEL	
		employee	consumer
Inhalation	Long-term systemic	600 mg/m ³	106 mg/m
Skin	Long-term systemic	1161 mg/kg m.c./day	412 mg/kg m.c./day
Orally	Long-term systemic	—	31 mg/kg m.c./day

butanone [CAS 78-93-3]	
PNEC	Value
Sea water	55,8 mg/l
Fresh water	55,8 mg/l
Soil	22,5 mg/kg dry weight
Fresh water sediment	284,74 mg/kg dry weight
Sea water sediment	284,7 mg/kg dry weight
Sewage treatment plant	709 mg/l
Secondary poisoning	1000 mg/kg feeds
Fresh water (occasional release)	55,8 mg/l

propane-2-ol [CAS 67-63-0]			
Exposure route	Exposure scheme	DNEL	
		employee	consumer
Inhalation	Long-term systemic	500 mg/m ³	89 mg/m
Skin	Long-term systemic	888 mg/kg m.c./day	319 mg/kg m.c./day
Orally	Long-term systemic	—	26 mg/kg m.c./day

propane-2-ol [CAS 67-63-0]	
----------------------------	--



PNEC	Value
Sea water	140,9 mg/l
Fresh water	140,9 mg/l
Soil	28 mg/kg dry weight
Fresh water sediment	552 mg/kg dry weight
Sea water sediment	552 mg/kg dry weight
Sewage treatment plant	2251 mg/l
Secondary poisoning	160 mg/kg feeds
Fresh water (occasional release)	140,9 mg/l

8.2. Exposure control

Relevant technical control measures

If during the work processes there is a danger of ignition of clothing on the worker - no further than 20 m in a horizontal line from the workstations where these processes are performed, there should be emergency showers (safety showers) for washing the whole body and separate showers (showers) for washing the eyes. Observe general rules of safety and hygiene. Do not eat, drink or smoke while working. Wash your hands thoroughly before breaks and after work. Ensure general and/or local ventilation in the workplace. Do not allow vapors to concentrate in the air and create concentrations within the limits of explosive properties or exceeding the NDS.

Personal protective equipment

The need for and selection of appropriate personal protective equipment should take into account the type of hazard posed by the product, the conditions in the workplace and how the product is handled. The personal protective equipment used must meet the requirements of the regulation (UE) 2016/425 and in the relevant standards. The employer is obliged to provide protective equipment that is appropriate to the activities performed and meets all quality requirements, including its maintenance and cleaning. Any contaminated or damaged PPE must be replaced immediately.

Hand protection

In case of prolonged or repeated contact with the product, if the risk assessment indicates that it is necessary to use protective gloves (EN 374). In case of short-term contact, use protective gloves with an effectiveness level of 2 or higher (breakthrough time > 30 min.).

In case of prolonged contact, use protective gloves with a level of effectiveness 6 (breakthrough time > 480 min.). Recommended glove material: butyl rubber, thickness 0,5 mm, fluorine rubber. When using protective gloves in contact with chemical products, it should be borne in mind that the stated levels of effectiveness and the corresponding breakthrough times do not mean the actual protection time at a given workstation, as this protection is affected by many factors, such as temperature, the effects of other substances, etc. It is recommended to replace the gloves immediately if there are any signs of wear, damage or changes in appearance (color, elasticity, shape). The manufacturer's instructions should be followed not only in the use of gloves, but also in their cleaning, maintenance and storage. It is also important to correctly remove the gloves so as to avoid contamination of the hands when doing so.

Body protection

Depending on the task to be performed, use protective clothing appropriate to the potential hazard. In case of prolonged contact with the product, use protective clothing made of coated or impregnated fabrics.



Eye protection

If there is a risk of eye contamination, use safety glasses that comply with the standard EN 166.

Respiratory protection

If properly ventilated, it is not required.

Thermal hazards

Not applicable.

Environmental exposure control

Prevent direct release into drains/surface water. Do not pollute surface water and drainage ditches with chemicals or used packaging. Report uncontrolled release to surface water to appropriate authorities in accordance with national and local regulations. Dispose of as chemical waste in accordance with national and local regulations.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Value
State of concentration	Solids
Color	By assortment
Zapach	Characteristic of alcohol
pH	6.5-7.5 (soaking liquid)
Melting point / solidification point	Not determined
Boiling point / range (°C)	78°C (CAS 64-17-5)
Flash point (°C)	13°C (CAS 64-17-5)
Auto-ignition temperature	Not applicable
Decomposition temperature	Not applicable
Flammability	Highly flammable
Explosive limits	2.5 vol.% / 13.5 vol. (CAS 64-17-5)
Particle characteristics	Reason for data abrogation: No data available.
Kinematic viscosity	Not applicable
Vapor pressure (20 °C) [hPa]	Not applicable
Density (20 °C) [g/cm ³]	Not applicable
Vapor density relative to air	Not determined
Solubility in water (20 °C)	Dissolves
Particle characteristics	Not determined

9.2. Other information

Other physical and chemical properties

No additional studies.

Section 10. Stability and reactivity

10.1. Reactivity



Reactive product. Product vapors may form explosive mixtures with air. Does not undergo dangerous polymerization. See also subsections 10.3-10.5.

10.2 Chemical stability

With proper use and storage, the product is stable.

10.3 Possibility of hazardous reactions

The product reacts exothermically with strong oxidizers.

10.4 Conditions to avoid

Protect from drying out. Avoid heat sources, open flame, sparking tools and direct sunlight.

10.5 Incompatible materials

Materials to avoid contact with: strong oxidizers.

10.6 Hazardous decomposition products

Not known.

Section 11 Toxicological information

11.1. Information on hazard classes defined from the regulation (WE) no 1272/2008

Acute toxicity

ethanol [CAS 64-17-5]	
LD ₅₀ (orally, rat)	10470 mg/kg
LD ₅₀ (skin, rabbit)	17100 mg/kg

butanone [CAS 78-93-3]	
LD ₅₀ (skin, rabbit)	> 10 ml/kg

propane-2-ol [CAS 67-63-0]	
LC ₅₀ (inhalation, rat)	> 10000 ppm/6h
LD ₅₀ (orally, rat)	5840 mg/kg
LD ₅₀ (skin, rabbit)	16,4 ml/kg

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation

The product is an eye irritant.

Respiratory or skin sensitization

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.



Carcinogenic effect

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

Toxic effects on target organs - single exposure.

Based on available data, the classification criteria are not met.

Toxic effects on target organs - repeated exposure.

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Information on likely routes of exposure

Exposure route: eye contact, skin contact, inhalation. See subsection 4.2 for more information on the effects of each possible route of exposure.

Symptoms related to physical, chemical and toxicological properties

See subsection 4.2 of the sheet.

Delayed, immediate and chronic effects of short- and long-term exposure

See subsection 4.2 of the card.

11.2. Information on other risks

Endocrine disrupting properties

The product does not contain ingredients included in the list established pursuant to Article 59 (1) as having endocrine disrupting properties or ingredients with endocrine disrupting properties according to the criteria set forth in Regulation 2017/2100/EU or Regulation 2018/605/EU in concentrations equal to or greater than 0.1%.

Other information

No other hazards are known.

Section 12. Ecological information

12.1. Toxicity

etanole [CAS 64-17-5]		
LC ₅₀ (fish)	15,3 mg/l / 96 h / Pimephales promelas	15,3 mg/l / 96 h / Pimephales promelas
NOEC (fish)	250 mg/l / 120 h / Danio rerio	method: OECD 212
NOEC (invertebrates)	2 mg/l / 10 days/ Ceriodaphnia dubia	method: –

Butanone [CAS 78-93-3]



LC ₅₀ (fish)	2993 mg/l / 96 h / Pimephales promelas	method: OECD 203
EC ₅₀ (invertebrates)	308 mg/l / 48 h / Daphnia magna	method: OECD 202
EC ₅₀ (algae)	1972 mg/l / 72 h / Pseudokirchneriella subcapitata	method: OECD 201

propane-2-ol [CAS 67-63-0]		
LC ₅₀ (fish)	9640 mg/l / 96 h / Pimephales promelas	method: —

Mix
The product is not classified as hazardous to the aquatic environment.

12.2. Persistence and degradability

ethanol CAS 64-17-5	Easily biodegradable	84%/20 days	method: —
------------------------	----------------------	-------------	-----------

butanone CAS 78-93-3	Biodegradable	≥ 57%/28 days	method: OECD 301 D / EU C.4-E / EPA OTS 796.3200
-------------------------	---------------	---------------	--

propane-2-ol CAS 67-63-0	Biodegradable	53%/5 days	method: EU C.5 / EU C.6
-----------------------------	---------------	------------	-------------------------

12.3. Bioaccumulative potential

ethanol CAS 64-17-5	log Po/w = -0,35	method: OECD 107
	BCF = —	method: —

butanone CAS 78-93-3	log Po/w = 0,3	method: OECD 117
	BCF = —	method: —

propane-2-ol CAS 67-63-0	log Po/w = 0,05	method: —
	BCF = —	method: —

12.4. Mobility in soil

The product is not mobile in soil. The mobility of the components of the mixture depends on their hydrophilic and hydrophobic properties and abiotic and biotic conditions of the soil, including its structure, climatic conditions, season and soil organisms.

12.5. Result of property evaluation PBT and vPvB

The components of the mixture do not meet the PBT or vPvB criteria according to Annex XIII of REACH.

12.6. Endocrine disrupting properties

The product does not contain ingredients included in the list established pursuant to Article 59(1) as having endocrine disrupting properties or ingredients with endocrine disrupting properties according to



the criteria set forth in Regulation 2017/2100/EU or Regulation 2018/605/EU in concentrations equal to or greater than 0.1%.

12.7 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. The possibility of other harmful effects of the individual components of the mixture on the environment (e.g. effects on the increase of global warming) should be considered.

Section 13. Waste handling

13.1. Waste disposal methods

Recommendations for the product

Waste product should be recycled or disposed of in authorized incinerators or waste disposal/disposal facilities in accordance with applicable regulations. Do not discharge into the sewage system.

Recommendations for used packaging

Recover / recycle / dispose of packaging waste in accordance with applicable regulations. Only packaging that is completely empty can be intended for recycling.

National legal acts: the Law on Waste (i.e. OJ 2023, item 1587, as amended), the Law on Packaging and Packaging Waste Management (i.e. OJ 2023, item 1658, as amended).

EU legal acts: directives of the European Parliament and the Council: 2008/98/EC as amended and 94/62/EC as amended.

Proposed waste codes

The waste code should be assigned at the place of generation.

Section 14. Information on transportation

14.1 UN number or ID number

UN 3175

14.2 UN proper shipping name

ADR

SOLID MATERIALS or CONTAINING LIQUEFIED MATERIALS I.N.O.
[ETHANOL]

IMDG

SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.
[ETHANOL]

ICAO/IATA

SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.
[ETHANOL]



14.3. Transport hazard class(es)

4.1

14.4 Packing group

II

14.5 Environmental hazards

Not applicable

14.6 Special precautions for users

Tightly sealed packages and objects containing less than 10 ml of flammable liquids, Packing Group II or III, absorbed in a solid material, are not subject to ADR regulations, provided that no free liquid is present.

14.7 Sea transport in bulk in accordance with IMO instruments.

Not applicable.

Dodatkowe informacje

ADR	quantities limited LQ 1	kg
	transport category	2
	tunnel carriage restriction code	(E)
IMDG	limited quantities LQ	1 kg
	EmS code	F-A, S-I
ICAO/IATA	packing instruction (LQ)	Y441
	limited quantity (LQ)	5 kg
	packing instruction, passenger	445
	maximum quantity, passenger	15 kg
	packing instruction, cargo	448
	maximum quantity, cargo	50 kg

Section 15. Regulatory information

15.1. Safety, health and environmental regulations specific to the substance and mixture

Act of February 25, 2011 on chemical substances and their mixtures (Journal of Laws 2022.1816).
 Ordinance of the Minister of Family, Labor and Social Policy of June 12, 2018 on the maximum permissible concentrations and intensities of factors harmful to health in the work environment (Journal of Laws 2018, item 1286, as amended).

Act of December 14, 2012 on waste (i.e., Journal of Laws 2023, item 1587, as amended).

Act of June 13, 2013 on packaging and packaging waste management (i.e., Journal of Laws 2023, item 1658, as amended).

Ordinance of the Minister of Climate of January 2, 2020 on the waste catalog (Journal of Laws 2020, item .10).
 Ordinance of the Minister of Health of February 2, 2011 on tests and measurements of factors harmful to health in the work environment (i.e. Journal of Laws 2023, item .419).

ADR Agreement on the International Carriage of Dangerous Goods by Road.

IMDG Code International Maritime Dangerous Goods Code

IATA Dangerous Goods Regulations

1907/2006/EC Regulation concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and No. 1488/94, as well as Council Directive 76/769/EEC



and Commission Directive 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. 1272/2008/EC Regulation of the European Parliament and of the Council of December 16, 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC and amending Regulation (EC) No. 1907/2006, as amended.

2020/878/EU Commission Regulation of June 18, 2020 amending Annex II to Regulation (EC) No. 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals.

2000/39/EC Commission Directive of June 8, 2000 establishing a first list of indicative occupational exposure limits in implementation of Council Directive 98/24/EEC on the protection of the health and safety of workers from the risks related to chemical agents at work.

2006/15/EC Commission Directive of February 7, 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.

2009/161/EU Commission Directive of December 17, 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

2017/164/EU Commission Directive of January 31, 2017 establishing a fourth list of indicative occupational exposure limit values in accordance with Council Directive 98/24/EC and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

2019/1831/EU Commission Directive of October 24, 2019 establishing a fifth list of indicative occupational exposure limit values in accordance with Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

2008/98/EC Directive of the European Parliament and of the Council of November 19, 2008 on waste and repealing certain directives, as amended.

94/62/EC European Parliament and Council Directive of December 20, 1994 on packaging and packaging waste, as amended.

2016/425/EU Regulation of the European Parliament and of the Council of March 9, 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

528/2012/EU Regulation of the European Parliament and of the Council of May 22, 2012 on the making available on the market and use of biocidal products, as amended. Act of October 9, 2015 on biocidal products (Journal of Laws 2015, item 1926, as amended).

Act of October 9, 2015 on biocidal products (Journal of Laws 2018, 1222).

Components of the mixture are not included in Annex XVII of REACH.

Components of the mixture are not included in Annex XIV of the REACH Regulation.

15.2 Chemical safety assessment

A chemical safety assessment is not required for the mixture.

Section 16. Other informations

Full text of H-phrases from section 3 of the card.

EUH066 *Repeated exposure may cause skin dryness or cracking.*

H225 *Highly flammable liquid and vapor.*

H319 *Irritating to eyes.*

H336 *May cause drowsiness or dizziness.*

Explanation of abbreviations and acronyms



ADR	European Agreement concerning the international carriage of dangerous goods by road.
DNEL	Derived No-Effect Level.
EC ₅₀ (Medial Effective Concentration) - statistically calculated concentration of a chemical in an environmental medium that is likely to cause specific effects in 50% of the test organisms of a population under specified conditions.
EN	European Standard.
IATA	International Civil Aviation Organization / International Air Transport Association.
IMDG	International Maritime Dangerous Goods Code.
ISO	International Organization for Standardization.
LC ₅₀	Concentration at which death is observed in 50% of test organisms.
LD ₅₀	The dose at which death is observed for 50% of test organisms.
NOEC	The highest concentration for which there is no significant increase in the frequency or severity of effects of the substance in the test organisms compared to the control sample.
OECD	Organization for Economic Cooperation and Development.
PBT	Persistent, bioaccumulative and toxic substance.
PNEC	Predicted No-Effect Concentration.
RID	Regulations for the international carriage of dangerous goods by rail.
vPvB	Substances very persistent and very bioaccumulative.
Eye Irrit. 2	Eye irritation - category 2
Flam. Liq. 2	Flammable liquid - category 2
STOT SE 3	Toxicity to target organs single exposure - category 3

Training

Before working with the product, the user should familiarize himself with health and safety rules regarding the handling of chemicals, and, in particular, receive appropriate job training. Persons involved in the transportation of hazardous materials under the ADR agreement should be properly trained in their duties (general, job and safety training).

References to key literature and data sources

The safety data sheet was prepared on the basis of the safety data sheets of individual components, literature data, online databases (e.g. ECHA, TOXNET, COSING) and the knowledge and experience at hand, taking into account the current legislation.

Procedures used to classify the mixture in accordance with EC Regulation 1272/2008, as amended.

Flam. Liq. 2 H225 based on the results of the study

Eye Irrit. 2 H319 calculation method

Additional information

Zmiany: —

Card issued by : THETA Consulting Sp. z o.o.

The above information is based on currently available data characterizing the product and the experience and knowledge possessed by the manufacturer in this regard. They do not constitute a qualitative description of the product or a promise of specific properties. They should be regarded as an aid to safe handling in transportation, storage and use of the product. This does not relieve the user of responsibility for the misuse of the above information and for compliance with all legal standards applicable in this field.

