



SAFETY DATA SHEET

In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended

Premium liquid FF for bio-fireplaces

Date: 11.12.2023

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

1.1. Product identifier

Premium liquid FF for bio-fireplaces 1000 ml
Premium liquid FF for bio-fireplaces 1000 ml - FOREST
Premium liquid FF for bio-fireplaces 1000 ml - COFFEE
Premium liquid FF for bio-fireplaces 1000 ml - VANILLA
Premium liquid FF for bio-fireplaces 1000 ml - ORANGE WITH CINNAMON
Premium liquid FF for bio-fireplaces 1000 ml - EUCALYPTUS WITH PINE
Premium liquid FF for bio-fireplaces 3000 ml
Premium liquid FF for bio-fireplaces 5000 ml

UFI: YK00-VOH9-000E-PVAE

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

Relevant identified uses: Product for decorative bio-fireplaces.

Uses advised against: Not determined.

1.3. Details of the supplier of the safety data sheet

Supplier: Fire Family Sp. z o.o.

Address: Poland; PL 58-100 Świdnica; 8-10 Hetmańska Street

Telephone/Fax: +48 74 850 3627 / +48 74 850 3630

E-mail address of the person responsible for the SDS: jakosc@firefamily.pl

1.4. Emergency telephone number

112 (emergency call)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation 1272/2008/EC:

Flam. Liq. 2; H225

Eye Irrit. 2; H319

Hazards to man: Causes serious eye irritation.

Hazards to environment: Does not meet the criteria of classification as dangerous for the environment.

Hazard from physical and chemical properties: Highly flammable liquid and vapour.

In section 16 stated the meaning of H-phrases and symbols.



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2.2. Label elements

Label accordance with Regulation 1272/2008/EC (CLP)

Hazard pictograms, signal words:



Danger

Hazard statements:

H225 - Highly flammable liquid and vapour.

H319 - Causes serious eye irritation.

Precautionary statements:

P102 - Keep out of reach of children.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501 - Dispose of contents/container to disposal containers.

The names of hazardous ingredients on the label: None.

EUH208 - Contains (R)-p-mentha-1,8-diene and citral. May produce an allergic reaction.

2.3. Other hazards

The product does not meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation 1907/2006 (REACH).

The product does not contain ingredients entered in the list established in accordance with Art. 59 paragraph 1 as having endocrine disrupting properties or components with endocrine disrupting properties in accordance with the criteria set out in Regulation 2017/2100/EU or Regulation 2018/605/EU in a concentration equal to or greater than 0.1 %.

May form explosive vapour-air mixture.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.



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3.2. Mixtures

Substance name:	Ethanol*
Concentration [%]:	>93-<95
CAS Number:	64-17-5
EC Number:	200-578-6
Index Number:	603-002-00-5
Classification 1272/2008/EC:	Flam. Liq. 2; H225 Eye Irrit. 2; H319** Specific Concentration Limits**: Eye Irrit. 2; H319: C ≥ 50 %
The registration number:	01-2119457610-43-0391

For complete contamination the following were used:

Substance name:	propan-2-ol; isopropyl alcohol; isopropanol
Concentration [%]:	0.9-1.5
CAS Number:	67-63-0
EC Number:	200-661-7
Index Number:	603-117-00-0
Classification 1272/2008/EC:	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336
The registration number:	Not delivered in the supply chain

Substance name:	butanone; ethyl methyl ketone
Concentration [%]:	0.9-1.5
CAS Number:	78-93-3
EC Number:	201-159-0
Index Number:	606-002-00-3
Classification 1272/2008/EC:	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 EUH066
The registration number:	Not delivered in the supply chain

Contains ≤2% fragrance composition:

Substance name:	Decane***
Concentration [%]:	<2
CAS Number:	124-18-5
EC Number:	204-986-4
Index Number:	-
Classification 1272/2008/EC:	Flam. Liq. 3; H226 Asp. Tox. 1; H304 EUH066
The registration number:	01-2119474199-26-XXXX



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Substance name:	(R)-p-mentha-1,8-diene; d-limonene
Concentration [%]:	≤0.1
CAS Number:	5989-27-5
EC Number:	227-813-5
Index Number:	601-096-00-2
Classification 1272/2008/EC:	Flam. Liq. 3; H226 Skin Irrit. 2; H315 Skin Sens. 1B; H317 Asp. Tox. 1; H304 Aquatic Acute 1; H400 Aquatic Chronic 3; H412
The registration number:	01-2119529223-47-XXXX

Substance name:	Citral
Concentration [%]:	≤0.1
CAS Number:	5392-40-5
EC Number:	226-394-6
Index Number:	605-019-00-3
Classification 1272/2008/EC:	Skin Irrit. 2; H315 Skin Sens. 1; H317
The registration number:	01-2119462829-23-XXXX

Contains no further substances above the limit values to be taken into account for the classification of the mixture. The product does not contain impurities or additives that could affect product's labelling and classification according to Regulation No 1272/2008/EC (CLP).

*Ethanol contaminated. A mixture consisting of alcohols with an apparent strength of 98-99 % by volume. For complete contamination, various compositions were used:

- 0.9-1.5 % propan-2-ol; isopropyl alcohol; isopropanol [CAS: 67-63-0],
- 0.9-1.5 % butanone; ethyl methyl ketone [CAS: 78-93-3],
- ≤0.01 % denatonium benzoate [CAS: 3734-33-6].

**The additional classification proposed by the manufacturer.

***Substance is not classified in Annex VI, Table 3.1 of Regulation 1272/2008. Classification of the manufacturer.

In section 16 stated the meaning of H-phrases and symbols.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Move the victim to fresh air and provide conditions for rest. Get medical attention if necessary.

Skin contact: Take off all contaminated clothing. Wash the contaminated skin with soap and water. Get medical attention if necessary.

Eye contact: Remove contact lenses. Wash immediately contaminated eyes with plenty of fresh water with the eyelid hold with open. From time to time, apply the upper eyelid to the lower eyelid. If eye irritation persists: Get medical advice/attention.



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Ingestion: Do NOT induce vomiting. Rinse mouth with water. Get medical attention if necessary.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation: Inhalation of high concentration vapors can cause fatigue, weakness, drowsiness, nausea, headaches and dizziness, coughing, shortness of breath.

Skin contact: As a result of repeated or prolonged contact, it can cause irritation, dryness and cracking of the skin. May produce an allergic reaction.

Eye contact: Causes serious eye irritation. With significant concentrations of vapors or direct ingestion of the product into the eyes, slight irritation, redness, tearing, burning, pain may occur.

Ingestion: Consuming large amounts causes nausea, vomiting and abdominal pain. A direct consequence of food poisoning may be liver and kidney damage.

4.3. Indication of any immediate medical attention and special treatment needed

Remove affected person from the environment contaminated by the product. In the event of health problems, consult your doctor or the center of toxicological concern. Provide the information contained in the SDS. If unconscious, do not give anything by mouth. Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Adjust the extinguishing agents according to the products in the surroundings. Recommended: carbon dioxide (CO₂), ABC or BC type extinguishing powder, dispersed water jet.

Unsuitable extinguishing media: Full water jet.

5.2. Special hazards arising from the substance or mixture

Highly flammable liquid and vapour. During a fire, dangerous products may be formed, such as carbon monoxide, irritating and toxic fumes and gases. Avoid inhalation of combustion products because they may pose a health risk. Vapors may form explosive mixtures with air. The vapors are heavier than air and accumulate at the ground level and in the lower parts of rooms.

5.3. Advice for firefighters

Wear full protective equipment and self-contained breathing apparatus with independent air circulation. Containers exposed to fire or high temperature cool with water and if possible remove from the danger zone. Protect drains, surface waters and soil from pollution.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Access of non-emergency personnel to the area of accident should be restricted until the completion of the disposal of the product. Wear appropriate personal protective equipment. Remove ignition sources. Ensure adequate ventilation. Avoid inhaling vapors.

For emergency responders: Wear appropriate personal protective equipment. Avoid sources of ignition. Ensure adequate ventilation. Avoid inhaling vapors.



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6.2. Environmental precautions

Secure the gullies. Prevent contamination of surface water and ground. If possible, collect spillage immediately. In the event of any serious pollution of the environment, notify the appropriate administrative authority, control and rescue services. Deliver used packaging to companies authorized to process it.

6.3. Methods and material for containment and cleaning up

Protect damaged packaging. Remove ignition sources. Collect with non-combustible absorbent materials (e.g.: sand, diatomaceous earth). In case of a large spill, embank the area. Place the product collected from the environment in a tight replacement packaging and send it for destruction. Dilute vapors with a spray of water.

6.4. Reference to other sections

Disposal - see Section 13. Personal protective equipment - see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

When you have all the activities carried out with the product: do not eat, drink, smoke or take drugs. Wash hands before and after work with the product. Wear appropriate protective clothing. Take off contaminated clothing and wash it before reuse. Ensure adequate ventilation in the area where you work with the product. Avoid direct contact with the product. Ground and bond container and receiving equipment. Use explosion-proof [electrical/ventilating/lighting] equipment. Use non-sparking tools. Take action to prevent static discharges.

7.2. Conditions for safe storage, including any incompatibilities

Keep in properly labelled, factory sealed, with a label which complies with current regulations. Store in a cool, dry and well-ventilated area. Protect from direct sunlight. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

7.3. Specific end use(s)

Product for decorative bio-fireplaces.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Substance name	TWA	STEL	BLV
Ethanol [CAS: 64-17-5]	1920 mg/m ³	-	-
Propan-2-ol [CAS: 67-63-0]	999 mg/m ³	1250 mg/m ³	-
Butan-2-one (methyl ethyl ketone)* [CAS: 78-93-3]	600 mg/m ³	899 mg/m ³	-

*Sk - Can be absorbed through the skin.

Legal basis: Ordinance on maximum permissible concentration and intensity of harmful factors in the work environment in accordance with national limit values.



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EH40/2005 Workplace exposure limits, fourth edition, published 2020, ISBN 978 0 7176 6733 8.

Monitoring procedures:

Use methods described in European Standards.

DNEL - Derived No-Effect Levels:

Ethanol [CAS: 64-17-5]

Short-term inhalation exposure: 1900 mg/m³ (1000 ppm)

Long-term inhalation exposure: 950 mg/m³ (500 ppm)

Long-term dermal exposure: 343 mg/kg b.w./day

PNEC - Predicted No-Effect Concentration:

Ethanol [CAS: 64-17-5]

Fresh water – 0.96 mg/l

Marine water – 0.79 mg/l

Water, sporadic release – 2.75 mg/l

STP – 580 mg/l

Fresh water, sediment – 3.6 mg/kg sediment

Marine water, sediment – 2.9 mg/kg sediment

Soil – 0,63 mg/kg soil

Oral – 0.72 g/kg

8.2. Exposure controls

Mandatory general regulations on occupational health. Do not allow the crossing of the environment, the workplace concentration limits for hazardous constituents. After work, wash and clean the surface of the body and clothing. Do not eat, drink, smoke or take drugs at work. Remove contaminated clothing and clean before reuse. Wash hands and face before break and after working with the product. Provide adequate ventilation in the workplace. Wear appropriate personal protective equipment. Take action to prevent static discharges.

Eye/face protection: In production conditions, use goggle-type safety glasses protecting against liquid drops in accordance with the EN 166 standard.

Skin Protection: In production conditions, use protective clothing made of natural materials (cotton) or synthetic fibers, gloves made of nitrile rubber (thickness 1.25 mm, breakthrough time ≥ 480 min) or butyl rubber (thickness 0.5 mm, breakthrough time ≥ 480 min).

Respiratory protection: In production conditions, if there is a high concentration of product vapors in the air (exceeding permissible standards), use respiratory protection with a particle filter marked in white with the symbol P2 and a vapor filter marked in brown with the letter A. AP complex filters can be used.

Thermal Hazards: Usually not required.

The personal protective equipment used should meet the requirements of Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment. The employer must provide personal protective equipment appropriate to the type of work and meeting all requirements, including maintenance and cleaning.



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Concentrations of hazardous substances in the workplace should be monitored in accordance with acknowledged test methods. Mode, method, type and frequency of testing and measurement of harmful factors in the working environment should meet the requirements of local/regional/national laws.

Environmental exposure controls: The large amount of product should not be allowed to penetrate through the ground water, sewage, waste water or soil.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Colourless, clear
Odour:	Characteristic of the fragrance composition used
Melting point/freezing point:	-114 °C (for ethanol [CAS: 64-17-5])
Boiling point or initial boiling point and boiling range:	78 °C (for ethanol [CAS: 64-17-5])
Flammability:	Highly flammable liquid and vapour
Lower and upper explosion limit:	2.5 % vol. / 13.5 % vol. (for ethanol [CAS: 64-17-5])
Flash point:	13 °C (for ethanol [CAS: 64-17-5])
Auto-ignition temperature:	373 °C (for ethanol [CAS: 64-17-5])
Decomposition temperature:	Not specified
pH:	7.0 (for ethanol [CAS: 64-17-5])
Kinematic viscosity:	1.2 mPa·s (for ethanol [CAS: 64-17-5])
Solubility:	Soluble in water
Partition coefficient n-octanol/water (log value):	Not specified
Vapour pressure:	approx. 5736 Pa at 20 °C (for ethanol [CAS: 64-17-5])
Density and/or relative density:	Relative density: 0.803-0.819 (water =1) (for ethanol [CAS: 64-17-5])
Relative vapour density:	105 g/m ³ at 20 °C (for ethanol [CAS: 64-17-5])
Particle characteristics:	Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Not specified.

9.2.2. Other safety characteristics

Not specified.

SECTION 10: Stability and reactivity

10.1. Reactivity

If stored and handled as intended - no reactivity.

10.2. Chemical stability

Stable under normal conditions of storage.



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10.3. Possibility of hazardous reactions

Vapors may form explosive mixtures with air.

10.4. Conditions to avoid

High temperature, ignition sources, open flame.

10.5. Incompatible materials

Not specified.

10.6. Hazardous decomposition products

None in normal condition use and storage.

SECTION 11: Toxicological information

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

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

Ethanol [CAS: 64-17-5]

DLL₀ (oral, child) 2000 mg/kg b.w.

TDL₀ (oral, man) 700 mg/kg b.w.

LDL₀ (oral, human) 1400 mg/kg b.w.

LD₅₀ (oral, rat) 7060 mg/kg b.w.

LC₅₀ (inhalation, rat) 20000 mg/l/10 h

LC₅₀ (inhalation, mouse) 39 mg/m³/4 h

LD₅₀ (oral, mouse) 3450 mg/kg b.w.

LD₅₀ (oral, rabbit) 6300 mg/kg b.w.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Causes serious eye irritation.

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.

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

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

STOT - single exposure: Based on available data, the classification criteria are not met.

STOT - repeated exposure: Based on available data, the classification criteria are not met.

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

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Not specified.

11.2.2. Other information

Inhalation: Inhalation of high concentration vapors can cause fatigue, weakness, drowsiness, nausea, headaches and dizziness, coughing, shortness of breath.

Skin contact: As a result of repeated or prolonged contact, it can cause irritation, dryness and cracking of the skin. May produce an allergic reaction.

Eye contact: Causes serious eye irritation. With significant concentrations of vapors or direct ingestion of the product into the eyes, slight irritation, redness, tearing, burning, pain may occur.

Ingestion: Consuming large amounts causes nausea, vomiting and abdominal pain. A direct consequence of food poisoning may be liver and kidney damage.



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SECTION 12: Ecological information

12.1. Toxicity

Does not meet the criteria of classification as dangerous for the environment.

Ethanol [CAS: 64-17-5]

Toxicity to fish:

LC₅₀ (*Salmo gairdneri*) 13 g/l/96 h

LC₅₀ (*Pimephales promelas*) 13.5- 15.3 g/l

Toxicity to freshwater vertebrates:

EC₅₀ (*Daphnia Magna*) 12.34 g/l/48 h

EC₅₀ (*Dubia Ceriodaphnia*) 5.012 g/l/48 h

12.2. Persistence and degradability

Not determined for the mixture.

Ethanol is easily biodegradable. BOD₂₀ = 84 %. The substance is easily decomposed in sewage treatment plants.

12.3. Bioaccumulative potential

Not determined for the mixture.

Bioaccumulation is not expected for ethanol.

12.4. Mobility in soil

Not determined for the mixture.

If ethanol is released into air or water it will spread very quickly. If released into the soil, it will burrow rapidly. Ethanol is volatile and soluble in water. If released into the environment, it will enter the air and water. Poorly absorbed into soil or sediment.

12.5. Results of PBT and vPvB assessment

Not applicable.

12.6. Endocrine disrupting properties

Not applicable.

12.7. Other adverse effects

Not specified.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

During removal of waste comply with the regional/national laws.

Community legislation:

- Directive **2008/98/EC** of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.
- European Parliament and Council Directive **94/62/EC** of 20 December 1994 on packaging and packaging waste as amended.

Disposal methods for the product: Do not introduce into the environment. Disposal in accordance with the local/national legislation.

Disposal methods for used packing: Empty containers give for appropriate rubbish dump or for disposal in accordance with the local/national legislation.

The waste code is assigned depending on its source, therefore the end user should, taking into account the specific conditions of use of the product, define the waste and assign the appropriate code in accordance with applicable regulations.



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SECTION 14: Transport information

	ADR	RID	ADN	IMDG	ICAO TI
14.1. UN number or ID number	UN 1170				
14.2. UN proper shipping name	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)				
14.3. Transport hazard class(es)	3				
14.4. Packing group	II				
14.5. Environmental hazards	The product does not pose a risk to the environment in accordance with the criteria set out in the UN Model Regulations.				
14.6. Special precautions for user	Always transport in closed containers that are upright and properly secured. Make sure those transporting the product know what to do in the event of a product failure or spill.				
14.7. Maritime transport in bulk according to IMO instruments	Not specified				

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 of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC as amended.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 as amended.

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).

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.

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

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

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

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



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

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

Commission Directive (EU) 2019/1831 of 24 October 2019 establishing a fifth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

15.2. Chemical safety assessment

A chemical safety assessment is not required for the mixture.

SECTION 16: Other information

The full text of H-statements from Sections 2 and 3:

- H225 - Highly flammable liquid and vapour.
- H304 - May be fatal if swallowed and enters airways.
- H315 - Causes skin irritation.
- H317 - May cause an allergic skin reaction.
- H319 - Causes serious eye irritation.
- H336 - May cause drowsiness or dizziness.
- H400 - Very toxic to aquatic life.
- H412 - Harmful to aquatic life with long lasting effects.

Key to abbreviations and acronyms:

ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road.

AND European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

Aquatic Acute 1 - Hazardous to the aquatic environment - Acute Hazard, Category 1.

Aquatic Chronic 3 - Hazardous to the aquatic environment - Chronic Hazard, Category 3.

Asp. Tox. 1 - Aspiration hazard, Hazard Category 1.

BLV - Biological Limit Value.

DNEL - Derived No-Effect Levels.

EC₅₀ - Half maximal effective concentration.

EUH066 - Repeated exposure may cause skin dryness or cracking.

Eye Irrit. 2 - Eye irritation, Hazard Category 2.

Flam. Liq. 2 - Flammable liquids, Hazard Category 2.

ICAO TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG - International Maritime Dangerous Goods.

IMO - The International Maritime Organization.

LC₅₀ - Median lethal concentration.

LD₅₀ - Median lethal dose.

PNEC - Predicted No-Effect Concentration.

RID - Regulations concerning the International Carriage of Dangerous Goods by Rail.

Skin Irrit. 2 - Skin irritation, Hazard Category 2.

Skin Sens. 1 - Sensitisation - Skin, hazard category 1.

STEL - Short-Term Exposure Limit.

STOT SE 3 - Specific target organ toxicity - Single exposure, Hazard Category 3, Narcosis.

TDL₀ - The lowest toxic dose.



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TWA - Time Weighted Average.

Sources of key data:

Manufacturer's safety data sheet for ethanol of January 24, 2023.

Manufacturer's safety data sheet for fragrance of January 3, 2017.

Information provided by the supplier electronically.

Classification according to Regulation 1272/2008/EC:

Flam. Liq. 2; H225

Eye Irrit. 2; H319

Classification procedure:

Flammability criterion

Specific concentration limit

Training advice: Before use read the SDS.

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are also treated as aid to safety in transport, storage and usage of the product. This does not free the user from the responsibility of improper usage of the information above also of improper compliance with the law norms in the field.

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