

Safety Data Sheet
FAST LEATHER GLUE/COLLA RAPIDA-PELLI



Safety Data Sheet dated 27/1/2022, edition 3, version 3

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

1.1. Product identifier

Mixture identification:

Trade name: FAST LEATHER GLUE/COLLA RAPIDA-PELLI

Product type: --

UFI Code: For the UFI code please see the label.

The mixture has been submitted in accord with Annex VIII of CLP Regulation in the following EEA (European Economical Area) State Members:

Austria, Croatia, Denmark, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Romania, Slovenia, Spain, Sweden

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

Recommended use:

Mixtures for the industrial and/or professional care and maintenance of leather items.

Uses advised against:

Stick to the recommended use.

1.3. Details of the supplier of the safety data sheet

Supplier:

FENICE S.p.A. - V. del Lavoro,1 - 36078 Valdagno (VI) Italy

FENICE S.p.A. - Tel. +39.0445.424.888

Competent person responsible for the safety data sheet:

ufficio.sicurezza@fenice.com

1.4. Emergency telephone number

FENICE S.p.A. - Tel. +39.0445.424.888 (8:00-12:00; 14:00-17:30)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

- Danger, Flam. Liq. 2, Highly flammable liquid and vapour.
- Warning, Skin Irrit. 2, Causes skin irritation.
- Warning, Eye Irrit. 2, Causes serious eye irritation.
- Warning, Skin Sens. 1, May cause an allergic skin reaction.
- Warning, STOT SE 3, May cause drowsiness or dizziness.
- Aquatic Chronic 2, Toxic to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:



Danger

Hazard statements:

- H225 Highly flammable liquid and vapour.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H317 May cause an allergic skin reaction.
 H336 May cause drowsiness or dizziness.
 H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P261 Avoid breathing vapours/spray.
 P273 Avoid release to the environment.
 P280 Wear protective gloves and eye/face protection.
 P370+P378 In case of fire: Use CO₂, foam, dry extinguishers, nebulised water to extinguish.
 P403+P235 Store in a well-ventilated place. Keep cool.
 P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

Contains

- rosin; colophony
 Polymer of Phenol, Formaldehyde and t-Bu-phenol
 Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane
 Hydrocarbons, C6, isoalkanes, <5% n-hexane

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration $\geq 0.1\%$

Other Hazards:

No other hazards.

SECTION 3: Composition/information on ingredients









3.1. Substances

Not available

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
>= 30% - < 40%	Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane	EC: 926-605-8 REACH No.: 01-2119486291-36	2.6/2 Flam. Liq. 2 H225 3.10/1 Asp. Tox. 1 H304 3.8/3 STOT SE 3 H336 4.1/C2 Aquatic Chronic 2 H411 EUH066
>= 15% - < 20%	Hydrocarbons, C6, isoalkanes, <5% n- hexane	CAS: 64742-49-0 EC: 931-254-9 REACH No.: 01-2119484651-34	2.6/2 Flam. Liq. 2 H225 3.2/2 Skin Irrit. 2 H315 3.10/1 Asp. Tox. 1 H304 3.8/3 STOT SE 3 H336 4.1/C2 Aquatic Chronic 2 H411 DECLP (CLP)*
>= 12.5% - < 15%	ethyl acetate	Index number: 607-022-00-5 CAS: 141-78-6 EC: 205-500-4 REACH No.: 01-2119475103-46	2.6/2 Flam. Liq. 2 H225 3.3/2 Eye Irrit. 2 H319 3.8/3 STOT SE 3 H336 EUH066

>= 5% - < 7%	acetone	Index number: 606-001-00-8 CAS: 67-64-1 EC: 200-662-2 REACH No.: 01-2119471330-49	 2.6/2 Flam. Liq. 2 H225  3.3/2 Eye Irrit. 2 H319  3.8/3 STOT SE 3 H336 EUH066
>= 5% - < 7%	Polymer of Phenol, Formaldehyde and t-Bu-phenol	CAS: 28453-20-5	 3.4.2/1 Skin Sens. 1 H317
>= 3% - < 5%	ethyl methyl ketone	Index number: 606-002-00-3 CAS: 78-93-3 EC: 201-159-0 REACH No.: 01-2119457290-43	 2.6/2 Flam. Liq. 2 H225  3.3/2 Eye Irrit. 2 H319  3.8/3 STOT SE 3 H336 EUH066
>= 1% - < 2.5%	rosin; colophony	Index number: 650-015-00-7 CAS: 8050-09-7 EC: 232-475-7 REACH No.: 01-2119480818-32	 3.4.2/1 Skin Sens. 1 H317

*DECLP (CLP): This substance is classified in accordance with Note P, Annex VI of EC Regulation 1272/2008. The harmonised classification as a carcinogen or mutagen applies unless it can be shown that the substance contains less than 0,1 % w/w benzene (Einecs No 200-753-7), in which case a classification in accordance with Title II of this Regulation shall be performed also for those hazard classes. Where the substance is not classified as a carcinogen or mutagen, at least the precautionary statements (P102-)P260-P262-P301 + P310-P331 shall apply.

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

For the most important symptoms and effects, caused by exposure, see the label (section 2) and/or section 11.

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

CO₂, foam, dry extinguishers, nebulised water.

Extinguishing media which must not be used for safety reasons:

Do not use jets of water as it can cause the spread of fire.

Water can be used to cool containers exposed to flames to prevent explosions.

5.2. Special hazards arising from the substance or mixture

IN THE EVENT OF FIRE

Excess pressure may form in containers exposed to fire at a risk of explosion.

Do not inhale combustion gases.

Burning produces heavy smoke.

5.3. Advice for firefighters

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

EQUIPMENT

Fire fighting clothing i. e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure air breathing apparatus (BN EN 137).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Eliminate all unguarded flames and possible sources of ignition. Do not smoke.

Remove persons to safety.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: inert absorbing material.

6.3. Methods and material for containment and cleaning up

Stop the leak or spill if this is not a risk. Use inert absorbent material to surround the contaminated area.

Collect the product wearing, if necessary, appropriate protective equipment for a possible recovering or for disposal. Dispose in line with current laws and norms. Do not pour into drains.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Avoid contemporary handling of any incompatible materials (see section 10).

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Do not eat or drink while working. Do not smoke.

Contaminated clothing should be changed before entering eating areas.

Wash hands after use

7.2. Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place at a temperature between +15/25°C.

Always keep in a well ventilated place.

Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

7.3. Specific end use(s)

Adhesive

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Source: GESTIS International Limit Values Database

ethyl acetate - CAS: 141-78-6

ACGIH - TWA(8h): 400 ppm - Notes: URT and eye irr

MAK - TWA: 750 mg/m³, 200 ppm

TLV-ACGIH - TWA: 1441 mg/m³, 400 ppm

EU - TWA(8h): 734 mg/m³, 200 ppm - STEL: 1468 mg/m³, 400 ppm

Deutschaland (AGS) - TWA: 730 mg/m³, 200 ppm - STEL(): 1460 mg/m³, 400 ppm

Deutschaland (DFG) - TWA: 750 mg/m³, 200 ppm - STEL(): 1500 mg/m³, 400 ppm

España - TWA: 734 mg/m³, 200 ppm - STEL(): 1460 mg/m³, 400 ppm

France - TWA: 734 mg/m³, 200 ppm - STEL(): 1468 mg/m³, 400 ppm

Österreich - TWA: 734 mg/m³, 200 ppm - STEL(): 1468 mg/m³, 400 ppm - Notes: TWA = MAK

Langzeitwert STEL = Kurzzeitwert

Polska - TWA: 734 mg/m³ - STEL: 1468 mg/m³

România - TWA: 400 mg/m³, 111 ppm - STEL(): 500 mg/m³, 139 ppm

Sverige - TWA: 500 mg/m³, 150 ppm - STEL(): 1100 mg/m³, 300 ppm

United Kingdom - TWA: 730 mg/m³, 200 ppm - STEL: 1460 mg/m³, 400 ppm

People's Republic of China - TWA: 200 mg/m³ - STEL(): 300 mg/m³

Switzerland - TWA: 730 mg/m³, 200 ppm - STEL(): 1460 mg/m³, 400 ppm

acetone - CAS: 67-64-1

ACGIH - TWA(8h): 250 ppm - STEL: 500 ppm - Notes: A4, BEI - URT and eye irr, CNS impair

MAK - TWA: 1200 mg/m³, 500 ppm

TLV-ACGIH - TWA: 1187 mg/m³, 500 ppm - STEL: 1781 mg/m³, 750 ppm

EU - TWA(8h): 1210 mg/m³, 500 ppm

Deutschaland (AGS) - TWA: 1200 mg/m³, 500 ppm - STEL(): 2400 mg/m³, 1000 ppm

Deutschaland (DFG) - TWA: 1200 mg/m³, 500 ppm - STEL(): 2400 mg/m³, 1000 ppm

España - TWA: 1210 mg/m³, 500 ppm

France - TWA: 1210 mg/m³, 500 ppm - STEL: 2420 mg/m³, 1000 ppm - Behaviour: Binding

Italia - TWA: 1210 mg/m³, 500 ppm

Nederland - TWA: 1210 mg/m³ - STEL: 2420 mg/m³

Österreich - TWA: 1200 mg/m³, 500 ppm - STEL: 4800 mg/m³, 2000 ppm - Notes: TWA = MAK

Langzeitwert STEL = Kurzzeitwert

Polska - TWA: 600 mg/m³ - STEL: 1800 mg/m³

România - TWA: 1210 mg/m³, 500 ppm

Sverige - TWA: 600 mg/m³, 250 ppm - STEL(): 1200 mg/m³, 500 ppm

Türkiye - TWA: 1210 mg/m³, 500 ppm

United Kingdom - TWA: 1210 mg/m³, 500 ppm - STEL: 3620 mg/m³, 1500 ppm

Switzerland - TWA: 1200 mg/m³, 500 ppm - STEL: 2400 mg/m³, 1000 ppm

ethyl methyl ketone - CAS: 78-93-3

ACGIH - TWA(8h): 200 ppm - STEL: 300 ppm - Notes: BEI - URT irr, CNS and PNS impair

MAK - TWA: 600 mg/m³, 200 ppm

TLV-ACGIH - TWA: 590 mg/m³, 200 ppm - STEL: 885 mg/m³, 300 ppm

EU - TWA(8h): 600 mg/m³, 200 ppm - STEL: 900 mg/m³, 300 ppm

Deutschaland (AGS) - TWA: 600 mg/m³, 200 ppm - STEL(): 600 mg/m³, 200 ppm

Deutschaland (DFG) - TWA: 600 mg/m³, 200 ppm - STEL: 600 mg/m³, 200 ppm

España - TWA: 600 mg/m³, 200 ppm - STEL: 900 mg/m³, 300 ppm

France - TWA: 600 mg/m³, 200 ppm - STEL: 900 mg/m³, 300 ppm - Behaviour: Binding

Italia - TWA: 600 mg/m³, 200 ppm - STEL: 900 mg/m³, 300 ppm

Nederland - TWA: 590 mg/m³ - STEL: 900 mg/m³

Österreich - TWA: 295 mg/m³, 100 ppm - STEL: 590 mg/m³, 200 ppm - Notes: TWA = MAK Langzeitwert
 STEL = Kurzzeitwert
 Polska - TWA: 450 mg/m³ - STEL: 900 mg/m³
 România - TWA: 600 mg/m³, 200 ppm - STEL(): 900 mg/m³, 300 ppm
 Sverige - TWA: 150 mg/m³, 50 ppm - STEL(): 900 mg/m³, 300 ppm
 Türkiye - TWA: 600 mg/m³, 200 ppm - STEL(): 900 mg/m³, 300 ppm
 United Kingdom - TWA: 600 mg/m³, 200 ppm - STEL: 899 mg/m³, 300 ppm
 Switzerland - TWA: 590 mg/m³, 200 ppm - STEL: 590 mg/m³, 200 ppm
 rosin; colophony - CAS: 8050-09-7
 ACGIH - Notes: (L), DSEN, RSEN - Skin sens, dermatitis, asthma

Legal base:

TLV-ACGIH: ACGIH 2014 **

MAK values: List of MAK and BAT Values 2018**

UE European Union: Directive 2000/39/CE**

Deutschland (AGS): Technische Regeln für Gefahrstoffe, Arbeitsplatzgrenzwerte, TRGS 900**

Deutschland (DFG): MAK-und BAT-Werte-Liste 2012**

España: INSHT - Límites de exposición profesional para agentes químicos en España 2015**

France: Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984. INRS (2006)**

Italia: Decreto Ministeriale 26/02/2004**

Nederland: Nationale wettelijke publieke grenswaarden**

Österreich: Grenzwerteverordnung 2003 - GVK 2003**

România: HOTARÂRE Nr. 1218 din 6 septembrie 2006 and Complement from 2012 at www.mmuncii.ro**

Sverige: Occupational Exposure Limit Values, Statute Book of the Swedish Work Environment Authority, AFS 2011:18, English Translation**

United Kingdom: EH40/2005 Workplace exposure limits**

Switzerland: www.suva.ch

**and updates

DNEL Exposure Limit Values

ethyl acetate - CAS: 141-78-6

Worker Industry: 1468 mg/m³ - Consumer: 734 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Industry: 1468 mg/m³ - Consumer: 734 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Industry: 63 mg/kg - Consumer: 37 mg/m³ - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 734 mg/m³ - Consumer: 367 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 734 mg/m³ - Consumer: 367 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects

Consumer: 4.5 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

acetone - CAS: 67-64-1

Consumer: 62 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Worker Industry: 1210 mg/m³ - Consumer: 200 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 2420 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Industry: 186 mg/kg - Consumer: 62 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

ethyl methyl ketone - CAS: 78-93-3

Consumer: 31 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Worker Industry: 600 mg/m³ - Consumer: 106 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 1161 mg/kg - Consumer: 412 mg/kg - Exposure: Human Dermal - Frequency: Long

Term, systemic effects

PNEC Exposure Limit Values

ethyl acetate - CAS: 141-78-6

Target: Fresh Water - Value: 0.24 mg/l

Target: Marine water - Value: 0.024 mg/l

Target: Freshwater sediments - Value: 1.15 mg/kg

Target: Marine water sediments - Value: 0.115 mg/kg

Target: Soil (agricultural) - Value: 0.148 mg/kg

Target: Microorganisms in sewage treatments - Value: 650 mg/l

Target: Food chain - Value: 0.2 g/kg - Type of hazard: Secondary poisoning

acetone - CAS: 67-64-1

Target: Microorganisms in sewage treatments - Value: 100 mg/l

Target: Fresh Water - Value: 10.6 mg/l

Target: Freshwater sediments - Value: 30.4 mg/kg

Target: Marine water - Value: 1.06 mg/l

Target: Marine water sediments - Value: 3.04 mg/kg

Target: Soil (agricultural) - Value: 29.5 mg/kg

ethyl methyl ketone - CAS: 78-93-3

Target: Microorganisms in sewage treatments - Value: 709 mg/l

Target: Fresh Water - Value: 55.8 mg/l

Target: Freshwater sediments - Value: 284.74 mg/kg

Target: Marine water - Value: 55.8 mg/l

Target: Marine water sediments - Value: 284.7 mg/kg

Target: Soil (agricultural) - Value: 22.5 mg/kg

Target: Food chain - Value: 1000 mg/kg - Type of hazard: Secondary poisoning

Biological Exposure Index

acetone - CAS: 67-64-1

Value: 80 mg/L - Biological Indicator: Acetone in urine - Sampling Period: End of turn (TRGS 903)

ethyl methyl ketone - CAS: 78-93-3

Value: 2 mg/L - Biological Indicator: MEK in urine - Sampling Period: End of turn (TRGS 903)

8.2. Exposure controls

As the adoption of adequate preventive measures must always take priority over personal protective equipment, make sure that:

- in case of inhalation exposure limit values, the workplace is well ventilated through an effective local aspiration system or other technical equipment, in order to maintain airborne levels below the exposure limits values
- if inhalation exposure limit values are not applicable, a good general ventilation is generally sufficient for most operations
- an emergency shower with face and eye wash station is available
- personal protective equipment is CE marked, in compliance with applicable standards

Individual protection measures

Use in well-ventilated areas. Do not breathe vapours. Do not get in eyes and on skin.

Adopt a correct personal hygiene. Do not consume or store food in the work areas.

Wash hands before smoking or eating.

Eye protection:

Use eye protecting goggles suitable to chemical risks.

Protection for skin:

Use clothing that provides comprehensive protection to the skin.

Protection for hands:

Protect hands with gloves suitable for protection against chemical agents (see standard EN 374).

In case of short-term exposure (splash protection):

Nitrile, neoprene or butyl rubber gloves

Breakthrough time: 30 min

Minimum thickness: 0.4 mm

In case of long-term exposure:

Butyl rubber, Viton or nitrile gloves

Breakthrough time: 480 min

Minimum thickness: 0.7 mm

The information provided here is indicative. The following parameters should be considered when choosing work glove material: degradation, failure time and permeability.

In case of chemical mixtures, the work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and frequency of use.

Respiratory protection:

In case of inadequate ventilation, prolonged exposure or mists/vapours/aerosol exposure (eg. spray application) use a respiratory protective equipment (eg. full face mask according to the DIN EN 136 standard with A Filter for organic gases and vapours according to DIN EN 141).

Thermal Hazards:

None

Environmental exposure controls:

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Physical state:	Liquid	Reg (EC) no. 1272/2008, Annex I, section 1.0	--
Colour:	Orange		--
Odour:	characteristic	--	--
Melting point/freezing point:	<0 °C	Expert judgement	--
Boiling point or initial boiling point and boiling range:	>40 °C	Expert judgement	--
Flammability:	Flammable	Expert judgement	--
Lower and upper explosion limit:	Not available	--	--
Flash point:	-19 °C	Expert judgement	--
Auto-ignition temperature:	Not available	--	--
Decomposition temperature:	Not available	--	--
pH:	Not Relevant*	--	--
Kinematic viscosity:	Not available	--	--
Solubility in water:	not miscible	--	--
Solubility in other solvents:	miscible in organic solvents	Expert judgement	--
Partition coefficient n-octanol/water (log value):	Not Relevant*	--	--
Vapour pressure:	Not available	--	--
Density and/or relative density:	0.85 +/- 0.05 g/cm3	UNI EN ISO 2811-1	--
Relative vapour density:	Not available	--	--

Particle characteristics:

Particle size:	Not Relevant*	--	--
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9.2. Other information

No other relevant information

*Data not applicable or not relevant due to the nature of the product and / or on account of its chemical composition.

VOC total content: 76-78%

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

None in particular in the normal conditions of use.

10.4. Conditions to avoid

The product is stable under normal storage/use conditions.

10.5. Incompatible materials

10.6. Hazardous decomposition products

This product can generate formaldehyde at temperature above 150°C in the presence of air.

SECTION 11: Toxicological information

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

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

Toxicological information of the product:

a) acute toxicity

Not classified

Based on available data, the classification criteria are not met

b) skin corrosion/irritation

The product is classified: Skin Irrit. 2 H315

c) serious eye damage/irritation

The product is classified: Eye Irrit. 2 H319

d) respiratory or skin sensitisation

The product is classified: Skin Sens. 1 H317

e) germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

f) carcinogenicity

Not classified

Based on available data, the classification criteria are not met

g) reproductive toxicity

Not classified

Based on available data, the classification criteria are not met

h) STOT-single exposure

The product is classified: STOT SE 3 H336

i) STOT-repeated exposure

Not classified

Based on available data, the classification criteria are not met

j) aspiration hazard

Not classified

Based on available data, the classification criteria are not met

Skin corrosion/irritation

Contact with skin may cause: irritation, erythema, edema, dryness and chapped skin.

Ingestion may cause health problems, including stomach pain and sting, nausea and sickness.

Serious eye damage/irritation

Stinging eyes. Symptoms may include: rubescence, edema, pain and lachrymation.

Respiratory or skin sensitisation

Contact with skin cause sensitization (contact dermatitis). The dermatitis derives as a result of inflammation of

the skin, which begins in the skin areas that repeatedly come into contact with the sensitizing agent. Skin lesions can include erythema, edema, papules, vesicles, pustules, scales, ulcerations and exudative phenomena, which vary according to the stages of the disease and affected areas. In the acute phase prevail erythema, edema and exudation. In the chronic stages prevail scales, peeling, cracking and skin thickening.

STOT-single exposure

This product contains highly volatile substances, which may cause serious depression of the central nervous system (CNS) and have negative effects, such as drowsiness, dizziness, slow reflexes, narcosis.

Further information

No one in particular.

Toxicological information of the main substances found in the product:

ethyl acetate - CAS: 141-78-6

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 5620 mg/kg

Test: LC50 - Route: Inhalation - Species: Rabbit = 1600 mg/kg

Further information

Note P to Annex I: benzene content is <0.1% w/w.

11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration $\geq 0.1\%$

SECTION 12: Ecological information

12.1. Toxicity

Adopt sound working practices, so that the product is not released into the environment.

The product is classified: Aquatic Chronic 2 - H411

12.2. Persistence and degradability

None

Not available

12.3. Bioaccumulative potential

Not available

12.4. Mobility in soil

Not available

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Endocrine disrupting properties

No endocrine disruptor substances present in concentration $\geq 0.1\%$

12.7. Other adverse effects

None

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

SECTION 14: Transport information

14.1. UN number or ID number

ADR/RID UN number: 1133

- IMDG-Un number: 1133
IATA-Un number: 1133
- 14.2. UN proper shipping name
ADR/RID-Technical name: ADHESIVES containing flammable liquid (vapor pressure at 50 ° C less than or equal to 110 kPa)
IATA-Technical name: ADHESIVES containing flammable liquid
IMDG-Technical name: ADHESIVES containing flammable liquid
- 14.3. Transport hazard class(es)
ADR-Class: 3
ADR-Label: 3
Rail (RID): 3
Air (ICAO/IATA): 3
IATA-Label: 3
IMDG-Class: 3
IMDG-Label: 3
- 14.4. Packing group
ADR/RID-Packing Group: II
IATA-Packing group: II
IMDG-Packing group: II
- 14.5. Environmental hazards
Marine pollutant: Marine pollutant
- 14.6. Special precautions for user
ADR-Transport category (Tunnel restriction code): (D/E)
Limited Quantities: 1 L (ESENTE CAP. 3.4)
- IMDG-EMS: F-E, S-D
Limited Quantities: 1 L (FREE LQ4 - CAP. 3.4)
- Segregation Group: None .
- 14.7. Maritime transport in bulk according to IMO instruments
No

SECTION 15: Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Occupational exposure limit values)
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) n. 2020/878
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)
Regulation (EU) n. 2017/776 (ATP 10 CLP)
Regulation (EU) n. 2018/669 (ATP 11 CLP)
Regulation (EU) n. 2018/1480 (ATP 13 CLP)
Regulation (EU) n. 2019/521 (ATP 12 CLP)
Regulation (EU) n. 2020/217 (ATP 14 CLP)
Regulation (EU) n. 2020/1182 (ATP 15 CLP)

Regulation (EU) n. 2021/643 (ATP 16 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 3

Restriction 40

Restrictions related to the substances contained:

Restriction 28

Restriction 72

Restriction 75

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III)

Regulation (EC) nr 648/2004 (detergents).

Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

Product belongs to category: P5c, E2

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

Based on information we have, a Chemical Safety Assessment, if expected, has been carried out for the substances in the mixture by the manufacturer or the importer.

SECTION 16: Other information

Text of phrases referred to under heading 3:

H225 Highly flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

Hazard class and hazard category	Code	Description
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, category 2

This safety data sheet has been completely updated in compliance to Regulation 2020/878.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Flam. Liq. 2, H225	Expert judgement
Skin Irrit. 2, H315	Calculation method
Eye Irrit. 2, H319	Calculation method

Skin Sens. 1, H317	Calculation method
STOT SE 3, H336	Calculation method
Aquatic Chronic 2, H411	Calculation method

This document was prepared by a competent person who has received appropriate training.

Further information

The information is considered correct, but it is not exhaustive and it shall be used only as a guide which is based on the current knowledge of the substance or mixture and it is applicable to the safety precautions appropriate for the product.

The information given is based on our present knowledge, at the time of sending the data sheet and only serves for describing the product for security reasons, without guaranteeing specific properties.

Due to the various uses of our product and for factors not dependent on us, no responsibility is accepted for the use of this information.

Please keep your records up to date and make this sheet available to all relevant personnel. This safety sheet cancels and substitutes any other previous issue.

Main bibliographic sources:

NIOSH - Registry of toxic effects of chemical substances (1983)

I.N.R.S. - Fiche Toxicologique

ECHA database on registered substances (<http://apps.echa.europa.eu/registered/registered-sub.aspx>)

ECHA Classification and Labelling Inventory (http://echa.europa.eu/clp/c_1_inventory_en.asp)

GESTIS hazardous substances database of German Berufsgenossenschaften

(<http://www.dguv.de/ifa/Gefahrstoffdatenbanken/GESTIS-Stoffdatenbank/index-2.jsp>)

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.

