Fast Fix Remover 20g

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

1.1. Product identifier

Trade name/designation:

Fast Fix Remover 20g

Article No.:
T501011

UFI:
K32W-R09J-CU5S-2XEU

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

Use of the substance/mixture:
Solvent

1.3. Details of the supplier of the safety data sheet

Supplier:

KANDO Service GmbH
Hartleitnerstraße 3
4653 Eberstalzell
Austria
Telephone: +43 (0) 7241 213 79
E-mail: msds@kando.eu

1.4. Emergency telephone number

Vergiftungsinformationszentrale (VIZ), Stubenring 6, 1010 Wien, 24h: 01 406 43 43, Montag - Freitag: 8 bis 16 Uhr, Tel.: 01 406 68 98 (keine medizinische Auskunft) (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
flammable liquids *(Flam. Liq. 2)*	H225: Highly flammable liquid and vapour.	
Serious eye damage/eye irritation *(Eye Irrit. 2)*	H319: Causes serious eye irritation.	
STOT-single exposure *(STOT SE 3)*	H336: May cause drowsiness or dizziness.	

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms:



GHS02
Flame



GHS07
Exclamation mark

Signal word: Danger

Hazard components for labelling:
ethyl acetate; acetone

Hazard statements for physical hazards	
H225	Highly flammable liquid and vapour.

Hazard statements for health hazards	
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Supplemental hazard information	
EUH066	Repeated exposure may cause skin dryness or cracking.

Precautionary statements Prevention	
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves and eye protection/face protection.

Precautionary statements Response	
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.

Precautionary statements Storage	
P403 + P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

Precautionary statements Disposal	
P501	Dispose of contents/container to an appropriate recycling or disposal facility.

2.3. Other hazards

Adverse physicochemical effects:
Development of ignitable mixtures possible in air when heated above flash point and/or when sprayed or fogged.

Adverse human health effects and symptoms:
Has degreasing effect on the skin.

Other adverse effects:
No further relevant information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Additional information:
This product does not contain any Substance of Very High Concern (SVHC) on the European Chemicals Agency (ECHA) candidate list.

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 67-64-1 EC No.: 200-662-2 Index No.: 606-001-00-8 REACH No.: 01-2119471330-49	**acetone** Eye Irrit. 2 (H319), Flam. Liq. 2 (H225), STOT SE 3 (H336)  Danger EUH066 **Acute Toxicity Estimate** ATE (oral) 5,800 mg/kg ATE (dermal) 20,000 mg/kg ATE (inhalation, gases) 76 ppmV ATE (inhalation, vapour) 5,540 mg/L ATE (inhalation, dust/mist) 76 mg/L	50 – 75 Vol-%
CAS No.: 141-78-6 EC No.: 205-500-4 REACH No.: 01-2119475103-46	**ethyl acetate** Substance with a community workplace exposure limit. **Acute Toxicity Estimate** ATE (oral) > 4,100 mg/kg ATE (dermal) > 18,000 mg/kg ATE (inhalation, vapour) 37 mg/L ATE (inhalation, dust/mist) 22.5 mg/L	25 – 50 Vol-%

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
Take off immediately all contaminated clothing and wash it before reuse.

Following inhalation:
Remove casualty to fresh air and keep warm and at rest. Consult a doctor if symptoms persist.

In case of skin contact:
Wash off immediately with soap and water and rinse well. In case of skin irritation, consult a physician.

After eye contact:
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing. If eye irritation persists: Get medical advice/attention.

Following ingestion:
Call a physician immediately.
Rinse out mouth immediately and drink plenty of water.
Do NOT induce vomiting.

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

Irritant effects

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

Treat symptomatically.
Make safety data sheet available to the doctor.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
alcohol resistant foam, Carbon dioxide (CO2), Extinguishing powder, Water spray jet
Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media:
Full water jet

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products:
Risk of formation of toxic pyrolysis products.
Carbon monoxide, toxic gases

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Full protection suit.

Do not inhale explosion and combustion gases.
Cool endangered containers with water spray.
Fire residues and contaminated extinguishing water must be disposed of in accordance with official regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Remove all sources of ignition.
Provide adequate ventilation.
Keep people away and stay on the side facing the wind.

Protective equipment:

Use personal protection equipment.

6.1.2. For emergency responders

Personal protection equipment:

Personal protection equipment: see section 8.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Explosion risk.
In case of spillage into water or sewage system, inform the competent authorities.

6.3. Methods and material for containment and cleaning up

For containment:

Cover drains.

For cleaning up:

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

See section 7 for further information on safe handling.
For further information on personal protective equipment: see section 8.
For further information on disposal: see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Use only outdoors or in a well-ventilated area.
Ensure good ventilation/extraction at the workplace. Vapours are heavier than air. Vapours form explosive mixtures with air.
Avoid spilling or spraying in enclosed spaces.
Keep away from sources of ignition - No smoking.
Take precautionary measures against static discharges.
Ignitable mixtures may form in the emptied container. Earth the container and the system to be filled.
Use explosion-proof equipment/fittings and non-sparking tools. Do not eat, drink or smoke when using this product. Contaminated work clothing should remain at the workplace. Wash hands before breaks and at the end of work. Preventive skin protection with skin protection ointment. Remove contaminated clothing and wash before wearing again. Do not carry product-soaked cleaning rags in trouser pockets.

Advices on general occupational hygiene

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels:

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hints on storage assembly:
Keep away from: Food and feedingstuffs
Do not store together with: Oxidizing agent
Protect from direct sunlight.

Storage class (TRGS 510, Germany): 3 – Flammable liquids

Further information on storage conditions:
Recommended storage temperature: 15°C - 25°C

7.3. Specific end use(s)

Recommendation:
No further relevant information available.

SECTION 8: Exposure controls/personal protection

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8.1. Control parameters

8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
MAK (AT)	**acetone** CAS No.: 67-64-1 EC No.: 200-662-2	② 2,000 ppm (4,800 mg/m³) ⑤ (max. 4x15 min./Schicht)
IOELV (EU)	**acetone** CAS No.: 67-64-1 EC No.: 200-662-2	① 500 ppm (1,210 mg/m³)
MAK (AT)	**acetone** CAS No.: 67-64-1 EC No.: 200-662-2	① 500 ppm (1,200 mg/m³)
MAK (AT) from 25 Sept 2018	**ethyl acetate** CAS No.: 141-78-6 EC No.: 205-500-4	① 200 ppm (734 mg/m³)
MAK (AT) from 2 Sept 2020	**ethyl acetate** CAS No.: 141-78-6 EC No.: 205-500-4	② 400 ppm (1,468 mg/m³) ⑤ (max. 4x15 min./Schicht)
IOELV (EU) from 21 Feb 2017	**ethyl acetate** CAS No.: 141-78-6 EC No.: 205-500-4	① 200 ppm (734 mg/m³) ② 400 ppm (1,468 mg/m³)

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
acetone CAS No.: 67-64-1 EC No.: 200-662-2	1,210 mg/m³	① DNEL worker ② Long-term – inhalation, systemic effects
acetone CAS No.: 67-64-1 EC No.: 200-662-2	200 mg/m³	① DNEL Consumer ② Long-term – inhalation, systemic effects
acetone CAS No.: 67-64-1 EC No.: 200-662-2	2,420 mg/m³	① DNEL worker ② Acute - inhalation, local effects
acetone CAS No.: 67-64-1 EC No.: 200-662-2	186 mg/kg bw/day	① DNEL worker ② Long-term - dermal, systemic effects

Substance name	DNEL value	① DNEL type ② Exposure route
acetone CAS No.: 67-64-1 EC No.: 200-662-2	62 mg/kg bw/day	① DNEL Consumer ② Long-term - dermal, systemic effects
acetone CAS No.: 67-64-1 EC No.: 200-662-2	62 mg/kg bw/day	① DNEL Consumer ② Long-term - oral, systemic effects
ethyl acetate CAS No.: 141-78-6 EC No.: 205-500-4	734 mg/m³	① DNEL worker ② Long-term – inhalation, systemic effects
ethyl acetate CAS No.: 141-78-6 EC No.: 205-500-4	367 mg/m³	① DNEL Consumer ② Long-term – inhalation, systemic effects
ethyl acetate CAS No.: 141-78-6 EC No.: 205-500-4	1,468 mg/m³	① DNEL worker ② Acute - inhalation, systemic effects
ethyl acetate CAS No.: 141-78-6 EC No.: 205-500-4	734 mg/m³	① DNEL Consumer ② Acute - inhalation, systemic effects
ethyl acetate CAS No.: 141-78-6 EC No.: 205-500-4	734 mg/m³	① DNEL worker ② Long-term – inhalation, local effects
ethyl acetate CAS No.: 141-78-6 EC No.: 205-500-4	367 mg/m³	① DNEL Consumer ② Long-term – inhalation, local effects
ethyl acetate CAS No.: 141-78-6 EC No.: 205-500-4	1,468 mg/m³	① DNEL worker ② Acute - inhalation, local effects
ethyl acetate CAS No.: 141-78-6 EC No.: 205-500-4	734 mg/m³	① DNEL Consumer ② Acute - inhalation, local effects
ethyl acetate CAS No.: 141-78-6 EC No.: 205-500-4	63 mg/kg	① DNEL worker ② Long-term - dermal, systemic effects
ethyl acetate CAS No.: 141-78-6 EC No.: 205-500-4	37 mg/kg	① DNEL Consumer ② Long-term - dermal, systemic effects
ethyl acetate CAS No.: 141-78-6 EC No.: 205-500-4	4.5 mg/kg	① DNEL Consumer ② Long-term - oral, systemic effects

Substance name	PNEC Value	① PNEC type
acetone CAS No.: 67-64-1 EC No.: 200-662-2	10.6 mg/L	① PNEC aquatic, freshwater
acetone CAS No.: 67-64-1 EC No.: 200-662-2	1.06 mg/L	① PNEC aquatic, marine water
acetone CAS No.: 67-64-1 EC No.: 200-662-2	100 mg/L	① PNEC sewage treatment plant
acetone CAS No.: 67-64-1 EC No.: 200-662-2	30.4 mg/kg	① PNEC sediment, freshwater
acetone CAS No.: 67-64-1 EC No.: 200-662-2	3.04 mg/kg	① PNEC sediment, marine water
acetone CAS No.: 67-64-1 EC No.: 200-662-2	29.5 mg/kg	① PNEC soil

Substance name	PNEC Value	① PNEC type
acetone CAS No.: 67-64-1 EC No.: 200-662-2	21 mg/L	① PNEC aquatic, intermittent release
ethyl acetate CAS No.: 141-78-6 EC No.: 205-500-4	0.24 mg/L	① PNEC aquatic, freshwater
ethyl acetate CAS No.: 141-78-6 EC No.: 205-500-4	0.024 mg/L	① PNEC aquatic, marine water
ethyl acetate CAS No.: 141-78-6 EC No.: 205-500-4	1.15 mg/kg	① PNEC sediment, freshwater
ethyl acetate CAS No.: 141-78-6 EC No.: 205-500-4	0.115 mg/kg	① PNEC sediment, marine water
ethyl acetate CAS No.: 141-78-6 EC No.: 205-500-4	0.148 mg/kg	① PNEC soil
ethyl acetate CAS No.: 141-78-6 EC No.: 205-500-4	1.65 mg/L	① PNEC aquatic, intermittent release

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Provide adequate ventilation as well as local exhaustion at critical locations.
Measurement methods for carrying out workplace measurements must meet the performance requirements of DIN EN 482. Recommendations are given, for example, in the IFA list of hazardous substances.

8.2.2. Personal protection equipment



Eye/face protection:
Safety goggles with side shields (EN 166).

Skin protection:
Hand protection:
Wear suitable protective gloves in case of prolonged or repeated skin contact. (EN ISO 374)
In case of continuous contact: > 0.4 mm/ butyl rubber, > 480 min (EN 374-1/-2/-3).
In case of splash contact: > 0.4 mm/ nitrile rubber, > 480 min (EN 374-1/-2/-3).
These are recommendations only. For further information please contact the glove supplier.
When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Body protection:
Solvent-resistant protective clothing (EN 340)

Respiratory protection:
In case of inadequate ventilation wear respiratory protection.
Short-term filter unit, filter AX (DIN EN 14387)

Thermal hazards:
No information available.

Other protection measures:
The design of the personal protective equipment must be selected specifically for the workplace, depending on the concentration and quantity of hazardous substances. The chemical resistance of the

protective equipment should be clarified with their suppliers. Do not breathe vapours. Avoid contact with eyes and skin.

8.2.3. Environmental exposure controls

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Liquid
Colour: colourless
Odour: characteristic
flammability: No data available
Odour threshold: No information available.

Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	*not applicable*		
Melting point	*No data available*		
Freezing point	*No data available*		
Initial boiling point and boiling range	56 °C		
Flash point	-19 °C		
Evaporation rate	*No data available*		
Auto-ignition temperature	460 °C		
Upper/lower flammability or explosive limits	2.1 – 13 Vol-%		
Vapour pressure	247 hPa	20 °C	
Vapour density	*No data available*		
Density	*No data available*		
Relative density	0.82		
Bulk density	*not applicable*		
Water solubility	partially miscible		
Dynamic viscosity	*No data available*		
Kinematic viscosity	*not applicable*		

9.2. Other information

No further relevant information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

In case of strong heating, explosive mixtures with air are possible. Development of highly flammable gases/vapours.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Reaction with: Oxidizing agent, Reducing agent
Development of ignitable mixtures possible in air when heated above flash point and/or when sprayed or fogged.

10.4. Conditions to avoid

Strong heating

10.5. Incompatible materials

strong oxidants

10.6. Hazardous decomposition products

No dangerous decomposition products known.

SECTION 11: Toxicological information

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

Toxicological information

Acute Toxicity Estimate for Mixtures
acetone CAS No.: 67-64-1 EC No.: 200-662-2
ATE (inhalation, dust/mist): 76 mg/L
LD_{50} oral: 5,800 mg/kg (Rat)
LD_{50} dermal: >15,800 mg/kg (Rabbit)
LC_{50} Acute inhalation toxicity (gas): 76 ppmV 4 h (Rat)
LC_{50} Acute inhalation toxicity (vapour): 5,540 mg/L 4 d (Oncorhynchus mykiss (Rainbow trout))
LC_{50} Acute inhalation toxicity (dust/mist): 76 mg/L 4 h (Rat)
ethyl acetate CAS No.: 141-78-6 EC No.: 205-500-4
LD_{50} oral: >4,100 mg/kg (Rat)
LD_{50} dermal: >18,000 mg/kg (Rabbit)
LC_{50} Acute inhalation toxicity (vapour): 37 mg/L 4 h
LC_{50} Acute inhalation toxicity (dust/mist): 22.5 mg/L 6 h (Rat)

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

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

Acute inhalation toxicity:
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/irritation:
Causes serious eye irritation.

Respiratory or skin sensitisation:
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:
May cause drowsiness or dizziness.

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

Endocrine disrupting properties:
This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

SECTION 12: Ecological information

12.1. Toxicity

acetone	CAS No.: 67-64-1 EC No.: 200-662-2
LC_{50}: 8,300 mg/L 4 d (fish)	
LC_{50}: 8,450 mg/L 2 d (crustaceans)	
LC_{50}: 8,300 mg/L 4 d (fish)	
EC_{50}: 7,200 mg/L 4 d (Algae/water plant)	
EC_{50}: 7,200 mg/L 4 d (Alge)	
EC_{50}: 8,800 mg/L (Daphnia magna)	
NOEC: 2,212 mg/L (crustaceans, Daphnia magna)	
ethyl acetate	CAS No.: 141-78-6 EC No.: 205-500-4
LC_{50}: 230 mg/L 4 d (fish, Pimephales promelas)	
EC_{50}: 260 mg/L 2 d (crustaceans, Daphnia)	
NOEC: 2.4 mg/L (crustaceans, Daphnia)	
NOEC: >100 mg/L 3 d (Algae/water plant, Scenedesmus substicatus)	

Assessment/classification:
No further relevant information available.

12.2. Persistence and degradability

acetone	CAS No.: 67-64-1 EC No.: 200-662-2
Biodegradation: Yes, rapidly	
ethyl acetate	CAS No.: 141-78-6 EC No.: 205-500-4
Biodegradation: Yes, rapidly	

Abiotic degradation:
No information available.

Biodegradation:
No information available.

12.3. Bioaccumulative potential

acetone	CAS No.: 67-64-1 EC No.: 200-662-2
Log K_{OW}: -0.24	
ethyl acetate	CAS No.: 141-78-6 EC No.: 205-500-4
Log K_{OW}: 0.68	
Bioconcentration factor (BCF): 30	

Bioconcentration factor (BCF):
No information available.

Accumulation / Evaluation:
No information available.

12.4. Mobility in soil
No information available.

12.5. Results of PBT and vPvB assessment

acetone	CAS No.: 67-64-1 EC No.: 200-662-2
Results of PBT and vPvB assessment: —	
ethyl acetate	CAS No.: 141-78-6 EC No.: 205-500-4
Results of PBT and vPvB assessment: —	

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties
This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects
Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Product residues must be disposed of in compliance with the Waste Directive 2008/98/EC and national and regional regulations. No waste code number according to the European Waste Catalogue (AVV) can be determined for this product, as only the intended use by the consumer allows an allocation. The waste code number must be determined within the EU in consultation with the waste disposal company.

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV
Waste code product

07 01 04 *	other organic solvents, washing liquids and mother liquors

**: Evidence for disposal must be provided.*

Remark:
Dispose of waste according to applicable legislation.

Waste code packaging

15 01 10 *	packaging containing residues of or contaminated by dangerous substances

**: Evidence for disposal must be provided.*

Remark:
Dispose of waste according to applicable legislation.

Waste treatment options
Appropriate disposal / Product:
Dispose of as hazardous waste. Dispose of to an incineration plant in accordance with local regulations.

Appropriate disposal / Package:
Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
UN 1993	UN 1993	UN 1993	UN 1993
14.2. UN proper shipping name			
FLAMMABLE LIQUID, N.O.S. (Acetone, Ethyl acetate)	FLAMMABLE LIQUID, N.O.S. (Acetone, Ethyl acetate)	Flammable liquid, n.o.s. (Acetone, Ethyl acetate mixture)	Flammable liquid, n.o.s. (Acetone, Ethyl acetate mixture)
14.3. Transport hazard class(es)			
 3	 3	 3	 3
14.4. Packing group			
II	II	II	II
14.5. Environmental hazards			
No	No	No	No
14.6. Special precautions for user			
Special Provisions: 274 | 601 | 640 **Limited quantity (LQ):** 1 L **Excepted Quantities (EQ):** E2	**Special Provisions:** 274 | 601 | 640 **Limited quantity (LQ):** 1 L **Excepted Quantities (EQ):** E2	**Special Provisions:** 274 **Limited quantity (LQ):** 1 L **Excepted Quantities (EQ):** E2	**Special Provisions:** A3 **Limited quantity (LQ):** Y341 **Excepted Quantities (EQ):** E2

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
Hazard identification number (Kemler No.): 33 **Classification code:** F1 **Tunnel restriction code:** (D/E)	**Classification code:** F1	**EmS-No.:** F-E, S-E	

14.7. Maritime transport in bulk according to IMO instruments
not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU legislation

Authorisations:
2008/98/EG (2000/532/EG); 2010/75/EU; 2004/42/EG; (EG) 648/2004; (EG) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EWG ((EG) 2016/2037); (EU) 2015/830; (EU) 2016/131; (EU) 517/2014

Directive 2004/42/EC on the limitation of emissions of volatile organic compounds:
Volatile organic compounds (VOC) content in percent by weight: 100 Vol-%

15.1.2. National regulations
No data available

15.2. Chemical Safety Assessment
A chemical safety assessment has not been carried out.

SECTION 16: Other information

*
16.1. Indication of changes

8.1.	Control parameters
11.1.	Information on hazard classes as defined in Regulation (EC) No 1272/2008
16.1.	Indication of changes
16.2.	Abbreviations and acronyms

*
16.2. Abbreviations and acronyms

ACGIH	American Conference of Governmental Industrial Hygienists
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
DIN	German Institute for Standardization / German Industrial Standard
DNEL	derived no-effect level
EC_{50}	Effective Concentration 50%
ECHA	European Chemicals Agency
EN	European Standard
ES	Exposure scenario
EWC	European Waste Catalogue
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
KG	body weight
LC_{50}	Lethal (fatal) Concentration 50%
LD_{50}	Lethal (fatal) Dose 50%
MAK	Maximum concentration in the workplace air (CH)

NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety & Health
NOEC	No Observed Effect Concentration
OECD	Organisation for Economic Cooperation and Development
OEL	Threshold Limit Value
OSHA	Occupational Safety & Health Administration
PBT	persistent and bioaccumulative and toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation and Authorization of Chemicals
RID	Dangerous goods regulations for transport by rail
SCL	Specific concentration limit
SVHC	substances of very high concern
TRGS	Technische Regeln für Gefahrstoffe
UN	United Nations
VOC	Volatile organic compounds
ZNS	central nervous system

16.3. Key literature references and sources for data
No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
flammable liquids *(Flam. Liq. 2)*	H225: Highly flammable liquid and vapour.	
Serious eye damage/eye irritation *(Eye Irrit. 2)*	H319: Causes serious eye irritation.	
STOT-single exposure *(STOT SE 3)*	H336: May cause drowsiness or dizziness.	

16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

Hazard statements	
H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Supplemental hazard information	
EUH066	Repeated exposure may cause skin dryness or cracking.

16.6. Training advice
No data available

16.7. Additional information
To the best of our knowledge, the information contained herein is accurate. However, neither the above-mentioned supplier nor its subsidiaries assume any liability with regard to the correctness or completeness of the information provided. A final determination of the suitability of individual materials is the sole responsibility of the user. All materials may involve unknown risks and should be used with caution. While certain risks are described herein, we cannot guarantee that these are the only possible risks.

* Data changed compared with the previous version.