Power Repair 21 creme 5 min. 400ml (Comp. B)

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

* **1.1. Product identifier**

Trade name/designation:

Power Repair 21 creme 5 min. 400ml (Comp. B)

Article No.:
T911400

UFI:
WFKA-RS03-V4NQ-VFV5

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

No data available

* **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.	On basis of test data.
Skin corrosion/irritation *(Skin Irrit. 2)*	H315: Causes skin irritation.	Calculation method.
Respiratory or skin sensitisation *(Skin Sens. 1)*	H317: May cause an allergic skin reaction.	Calculation method.
STOT-single exposure *(STOT SE 3)*	H335: May cause respiratory irritation.	Calculation method.

* **2.2. Label elements**

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

Hazard pictograms:



GHS07
Exclamation mark



GHS02
Flame

Signal word: Danger

Power Repair 21 creme 5 min. 400ml (Comp. B)

Hazard components for labelling:
methyl methacrylate; 3,5-diethyl-1,2-dihydro-1-phenyl-2-propylpyridine

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

Hazard statements for health hazards	
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.

Supplemental hazard information: none

Precautionary statements Prevention	
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P235	Keep cool.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/ equipment.
P242	Use non-sparking tools.
P243	Take action to prevent static discharges.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

Precautionary statements Response	
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a POISON CENTER/doctor/ if you feel unwell.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P370 + P378	In case of fire: Use Suitable extinguishing media to extinguish.

Precautionary statements Storage	
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P403 + P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

Precautionary statements Disposal	
P501	Dispose of the contents / container in accordance with local / regional / national / international regulations.

*
2.3. Other hazards

Other adverse effects:
This mixture does not contain substances classified as PBT or vPvB substances. The product does not contain any substances with endocrine-disrupting properties in concentrations of ≥ 0.1%.

SECTION 3: Composition/information on ingredients

*
3.2. Mixtures

Additional information:
Other constituents below the reporting thresholds 20-30%

Power Repair 21 creme 5 min. 400ml (Comp. B)

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 80-62-6 EC No.: 201-297-1 Index No.: 607-035-00-6 REACH No.: 01-2119452498-28-0000	**methyl methacrylate** Flam. Liq. 2 (H225), STOT SE 3 (H335), Skin Irrit. 2 (H315), Skin Sens. 1 (H317)  Danger **Acute Toxicity Estimate** ATE (oral) > 6,000 mg/kg ATE (dermal) > 5,000 mg/kg ATE (inhalation, vapour) > 29.8 mg/L	70 – < 80 %
CAS No.: 34562-31-7 EC No.: 252-091-3	**3,5-diethyl-1,2-dihydro-1-phenyl-2-propylpyridine** The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP]. **Acute Toxicity Estimate** ATE (oral) > 500 mg/kg ATE (dermal) > 1,000 mg/kg	3 – < 5 %

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

SECTION 4: First aid measures

* 4.1. Description of first aid measures

General information:
In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. Do not leave affected person unattended. Take off contaminated clothing and wash it before reuse.

Following inhalation:
Provide fresh air. Get medical advice/attention. In case of irregular breathing or respiratory arrest, initiate artificial respiration.

In case of skin contact:
After contact with skin, wash immediately with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

After eye contact:
Rinse opened eye immediately with plenty of water for at least 15 minutes. Remove contact lenses. If symptoms persist, consult a doctor.

Following ingestion:
Rinse mouth. Get medical advice/attention if you feel unwell.

Self-protection of the first aider:
Use personal protection equipment.

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

Skin corrosion/irritation. Allergic reactions. Serious eye damage/eye irritation. Irritation to respiratory tract.

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

Treat symptomatically.
Burns: Rinse immediately with water. Whilst rinsing, remove any clothing that is not stuck to the affected areas. Call an ambulance. Continue rinsing on the way to hospital. Keep the victim warm. Keep the victim under observation. Symptoms may appear later.

SECTION 5: Firefighting measures

* 5.1. Extinguishing media

Suitable extinguishing media:
Water mist, Foam, Powder, Carbon dioxide (CO2)

Unsuitable extinguishing media:
Full water jet

* 5.2. Special hazards arising from the substance or mixture

Vapours can form explosive mixtures with air. Vapours can travel considerable distances to a source of ignition where they can ignite, flash back, or explode.

Hazardous combustion products:
In case of fire: Gases or vapours harmful to health.

* **5.3. Advice for firefighters**
Wear a self-contained breathing apparatus and chemical protective clothing. Do not inhale explosion and combustion gases. If possible, remove containers from the danger zone.

* **5.4. Additional information**
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

* **6.1. Personal precautions, protective equipment and emergency procedures**

6.1.1. For non-emergency personnel

Personal precautions:
Remove persons to safety. Avoid inhalation of mist/vapour/aerosol. Stop and contain spill/release if it can be done safely. If this cannot be done, allow fire to burn under control. Only touch damaged containers or spilled material if you are wearing suitable protective clothing. Do not touch spilled material and do not walk through it.

Protective equipment:
Wear protective gloves/protective clothing/eye protection/face protection.

6.1.2. For emergency responders

Personal protection equipment:
Personal protection equipment: see section 8. Wear protective equipment. Keep unprotected persons away. Keep away from sources of ignition - No smoking. Ventilate affected area. Avoid inhalation of mist/vapour/aerosol. Absorb spillage to prevent material damage.

* **6.2. Environmental precautions**
Do not allow to enter into surface water or drains. Avoid release to the environment.

* **6.3. Methods and material for containment and cleaning up**

For containment:
Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Wipe up with absorbent material (eg. cloth, fleece).

For cleaning up:
Stop and contain spill/release if it can be done safely. If this cannot be done, allow fire to burn under control.

Other information:
Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use spark-proof tools and explosion-proof equipment. Store in areas where a sprinkler system is installed. For large quantities: Contain. Pump off product.

* **6.4. Reference to other sections**
Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

* **6.5. Additional information**
Use appropriate container to avoid environmental contamination.

SECTION 7: Handling and storage

* **7.1. Precautions for safe handling**

Protective measures

Advices on safe handling:
Wear personal protection equipment (refer to section 8). Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use spark-proof tools and explosion-proof equipment. Store in areas where a sprinkler system is installed. Ensure good ventilation/extraction at the workplace. Take precautionary measures against static discharge. All tools must be earthed. Only use non-sparking tools. Avoid inhalation of mist/vapour/aerosol. Avoid contact with eyes and skin. Use only outdoors or in a well-ventilated area. Wear suitable protective clothing when working. To follow: Hygiene measures

Power Repair 21 creme 5 min. 400ml (Comp. B)

Advices on general occupational hygiene
When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes.

* ### 7.2. Conditions for safe storage, including any incompatibilities
Technical measures and storage conditions:
Keep container tightly closed in a cool, well-ventilated place. Store in a dry place. Protect from heat and direct sunlight. Use spark-proof tools and explosion-proof equipment. Store in areas where a sprinkler system is installed.

* ### 7.3. Specific end use(s)
No data available

SECTION 8: Exposure controls/personal protection

* ### 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
IOELV (EU)	**methyl methacrylate** CAS No.: 80-62-6 EC No.: 201-297-1	① 50 ppm ② 100 ppm
MAK (AT)	**methyl methacrylate** CAS No.: 80-62-6 EC No.: 201-297-1	② 100 ppm (420 mg/m³) ⑤ (max. 8x5 min./Schicht, Momentanwert) Sh
MAK (AT)	**methyl methacrylate** CAS No.: 80-62-6 EC No.: 201-297-1	① 50 ppm (210 mg/m³) ⑤ Sh

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
methyl methacrylate CAS No.: 80-62-6 EC No.: 201-297-1	348.4 mg/m³	① DNEL worker ② Long-term – inhalation, systemic effects
methyl methacrylate CAS No.: 80-62-6 EC No.: 201-297-1	74.3 mg/m³	① DNEL Consumer ② Long-term – inhalation, systemic effects
methyl methacrylate CAS No.: 80-62-6 EC No.: 201-297-1	208 mg/m³	① DNEL worker ② Long-term – inhalation, local effects
methyl methacrylate CAS No.: 80-62-6 EC No.: 201-297-1	104 mg/m³	① DNEL Consumer ② Long-term – inhalation, local effects
methyl methacrylate CAS No.: 80-62-6 EC No.: 201-297-1	416 mg/m³	① DNEL worker ② Acute - inhalation, local effects
methyl methacrylate CAS No.: 80-62-6 EC No.: 201-297-1	208 mg/m³	① DNEL Consumer ② Acute - inhalation, local effects
methyl methacrylate CAS No.: 80-62-6 EC No.: 201-297-1	13.67 mg/kg	① DNEL worker ② Long-term - dermal, systemic effects

Power Repair 21 creme 5 min. 400ml (Comp. B)

Substance name	DNEL value	① DNEL type ② Exposure route
methyl methacrylate CAS No.: 80-62-6 EC No.: 201-297-1	8.2 mg/kg bw/day	① DNEL Consumer ② Long-term - dermal, systemic effects
methyl methacrylate CAS No.: 80-62-6 EC No.: 201-297-1	1.5 mg/cm²	① DNEL worker ② Long-term - dermal, local effects
methyl methacrylate CAS No.: 80-62-6 EC No.: 201-297-1	1.5 mg/cm²	① DNEL Consumer ② Long-term - dermal, local effects
methyl methacrylate CAS No.: 80-62-6 EC No.: 201-297-1	1.5 mg/cm²	① DNEL worker ② Acute - dermal, local effects
methyl methacrylate CAS No.: 80-62-6 EC No.: 201-297-1	1.5 mg/cm²	① DNEL Consumer ② Acute - dermal, local effects
methyl methacrylate CAS No.: 80-62-6 EC No.: 201-297-1	8.2 mg/kg	① DNEL Consumer ② Long-term - oral, systemic effects

Substance name	PNEC Value	① PNEC type
methyl methacrylate CAS No.: 80-62-6 EC No.: 201-297-1	0.94 mg/L	① PNEC aquatic, freshwater
methyl methacrylate CAS No.: 80-62-6 EC No.: 201-297-1	0.094 mg/L	① PNEC aquatic, marine water
methyl methacrylate CAS No.: 80-62-6 EC No.: 201-297-1	10 mg/L	① PNEC sewage treatment plant
methyl methacrylate CAS No.: 80-62-6 EC No.: 201-297-1	10.2 mg/kg	① PNEC sediment, freshwater
methyl methacrylate CAS No.: 80-62-6 EC No.: 201-297-1	0.102 mg/kg	① PNEC sediment, marine water
methyl methacrylate CAS No.: 80-62-6 EC No.: 201-297-1	1.47 mg/kg	① PNEC soil

*
8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure good ventilation/extraction at the workplace. Offer eye showers and emergency showers at the workplace. If the work generates dust, fumes, gas, vapours or mists, use process chambers, local exhaust ventilation systems or other technical devices to keep worker exposure below recommended or legally required limits.

8.2.2. Personal protection equipment

Eye/face protection:

Eye glasses with side protection EN 166

Skin protection:

Hand protection:

Tested protective gloves must be worn EN ISO 374 In the case of wanting to use the gloves again, clean them before taking off and air them well. Breakthrough times and swelling properties of the material must be taken into consideration. The selection of a suitable glove depends not only on the material but also on other quality features and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of glove materials cannot be calculated in advance and must therefore be checked before use.

Body protection:
Wear suitable work clothing. Take off contaminated clothing and wash it before reuse.

Respiratory protection:
Use suitable breathing apparatus.

Other protection measures:
General protective and hygienic measures: Use personal protection equipment. Do not eat, drink or smoke when using this product. Used working clothes should not be worn outside the work area.

8.2.3. Environmental exposure controls
Only touch damaged containers or spilled material if you are wearing suitable protective clothing. Do not touch spilled material and do not walk through it.

SECTION 9: Physical and chemical properties

* ### 9.1. Information on basic physical and chemical properties

Appearance
Physical state: Liquid
Form: Paste
Colour: not determined
Odour: characteristic
flammability: No data available

Safety relevant basis data

Parameter	Value	① Method ② Remark
pH	*not applicable*	② insoluble in: Water
Melting point	-48 °C	② (-54,4 °F)
Freezing point	-48 °C	② (-54,4 °F)
Initial boiling point and boiling range	100.5 °C	② (212,9 °F)
Flash point	10 °C	② (50,0 °F)
Evaporation rate	*No data available*	
Auto-ignition temperature	*No data available*	
Upper/lower flammability or explosive limits	2.1 – 8.2 %	
Vapour pressure	28 mm Hg	② @ 68 F
Vapour density	*No data available*	
Density	0.95 g/cm³	
Bulk density	*not applicable*	
Water solubility	practically insoluble	
Dynamic viscosity	*No data available*	
Kinematic viscosity	0.042 – 0.073 mm²/s	
Self ignition temperature	435 °C	② (815 °F)

* ### 9.2. Other information
pH in aqueous solution: > 4,5 - < 5,5 @ 5% Lösung
Viscosity: 40000 - 70000 cP
VOC value: <10 g/l Mixed components

SECTION 10: Stability and reactivity

* ### 10.1. Reactivity
Stable under normal conditions of use and storage.

* ### 10.2. Chemical stability
Chemically stable under conditions of storage, handling and use.

* ### 10.3. Possibility of hazardous reactions
No known hazardous reactions.

* **10.4. Conditions to avoid**
Direct sunlight, heat, open flames, sparks, hot surfaces, sources of ignition

* **10.5. Incompatible materials**
strong oxidants, Nitrate, Peroxides

* **10.6. Hazardous decomposition products**
No known hazardous decomposition products.

SECTION 11: Toxicological information

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

methyl methacrylate CAS No.: 80-62-6 EC No.: 201-297-1	
LD_{50} oral: >6,000 mg/kg (Rat) OECD 401	
LD_{50} dermal: >5,000 mg/kg (Rabbit) OECD 402	
LC_{50} Acute inhalation toxicity (vapour): >29.8 mg/L 4 h (Rat)	
3,5-diethyl-1,2-dihydro-1-phenyl-2-propylpyridine CAS No.: 34562-31-7 EC No.: 252-091-3	
LD_{50} oral: >500 mg/kg (Rat)	
LD_{50} dermal: >1,000 mg/kg (Rabbit)	

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:
Harmful if inhaled.

Skin corrosion/irritation:
Causes skin irritation.

Serious eye damage/irritation:
Causes serious eye irritation.

Respiratory or skin sensitisation:
May cause an allergic skin reaction.

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 respiratory irritation.

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:
The product does not contain any substances with endocrine-disrupting properties in concentrations of ≥ 0.1%.

Power Repair 21 creme 5 min. 400ml (Comp. B)

SECTION 12: Ecological information

* **12.1. Toxicity**

methyl methacrylate CAS No.: 80-62-6 EC No.: 201-297-1
LC_{50}: 130 mg/L 4 d (fish, Pimephales promelas) OECD 203
EC_{50}: 69 mg/L 2 d (crustaceans, Daphnia magna) OECD 202
EC_{50}: 37 mg/L 4 d (Algae/water plant, Selenastrum capricornutum) OECD 201
NOEC: 49 mg/L 3 d (Algae/water plant, Pseudokirchneriella subcapitata) OECD 201
NOEC: 37 mg/L 21 d (crustaceans, Daphnia magna) OECD 211

* **12.2. Persistence and degradability**

methyl methacrylate CAS No.: 80-62-6 EC No.: 201-297-1
Biodegradation: Yes, rapidly

* **12.3. Bioaccumulative potential**

methyl methacrylate CAS No.: 80-62-6 EC No.: 201-297-1
Log K_{OW}: 1.38

* **12.4. Mobility in soil**

No data available

* **12.5. Results of PBT and vPvB assessment**

methyl methacrylate CAS No.: 80-62-6 EC No.: 201-297-1
Results of PBT and vPvB assessment: —
3,5-diethyl-1,2-dihydro-1-phenyl-2-propylpyridine CAS No.: 34562-31-7 EC No.: 252-091-3
Results of PBT and vPvB assessment: —

The product does not contain any substances with endocrine-disrupting properties in concentrations of ≥ 0.1%.

* **12.6. Endocrine disrupting properties**

No data available

* **12.7. Other adverse effects**

water hazard class 3: highly hazardous to water
The product contains volatile organic compounds which have the potential to contribute to photochemical ozone formation.

SECTION 13: Disposal considerations

* **13.1. Waste treatment methods**

Dispose of waste according to applicable legislation. Hand in empty containers for local recycling, recovery or waste disposal. Contaminated packaging is to be emptied optimally, it can then be reused after appropriate cleaning. Packaging that cannot be cleaned should be disposed of in the same way as the substance.

Waste treatment options

Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

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 1133	UN 1133	UN 1133	UN 1133

Power Repair 21 creme 5 min. 400ml (Comp. B)

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
* **14.2. UN proper shipping name**			
ADHESIVES, containing flammable liquid (vapour pressure at 50 °C not exceeding 110 kPa), Limited Quantity	ADHESIVES, containing flammable liquid (vapour pressure at 50 °C not exceeding 110 kPa), Limited Quantity	ADHESIVES, containing flammable liquid, Limited Quantity	ADHESIVES, containing flammable liquid, Limited Quantity
* **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: Before handling the product, read the safety instructions, safety data sheets and information on emergency procedures. **Hazard identification number (Kemler No.):** 33 **Classification code:** - **Tunnel restriction code:** (D/E)	**Special Provisions:** Before handling the product, read the safety instructions, safety data sheets and information on emergency procedures. **Classification code:** -	**Special Provisions:** Before handling the product, read the safety instructions, safety data sheets and information on emergency procedures. **EmS-No.:** F-E, S-D	**Special Provisions:** Before handling the product, read the safety instructions, safety data sheets and information on emergency procedures. **Remark:** ERG Code: 3L Passenger and cargo aircraft: Allowed with restrictions. Cargo aircraft only: Allowed with restrictions

* 14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

15.1.1. EU legislation

Authorisations:

Regulation (EC) No. 1005/2009 on substances that lead to the depletion of the ozone layer not applicable
Regulation (EC) 2019/1021 [POP Regulation] not applicable
Regulation (EU) No 649/2012 (PIC) not applicable
Regulation (EC) No 166/2006, Annex II: European Pollutant Release and Transfer Register, as amended not applicable
Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878, Annex XVII (restrictions) not applicable
Regulation (EC) No 1907/2006, REACH Annex XVII: Substances subject to authorisation for placing on the market and use – The restriction conditions specified for the relevant entry number should be taken into account not applicable
Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens or mutagens at work, as amended not applicable
Classification according to Regulation (EC) No 1272/2008 [CLP]. Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878 Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).
Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

Other regulations (EU):
Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive], Hazard categories:
- P5a Flammable Liquids, Category 1 or 2
- P5b Flammable liquids
- P5c Flammable liquids of Categories 2 or 3, not covered by P5a and P5b

Directive 2004/42/EC on the limitation of emissions of volatile organic compounds:
Volatile organic compound (VOC) content: 10 g/L

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

1.1.	Product identifier
1.2.	Relevant identified uses of the substance or mixture and uses advised against
1.3.	Details of the supplier of the safety data sheet
1.4.	Emergency telephone number
2.1.	Classification of the substance or mixture
2.2.	Label elements
2.3.	Other hazards
3.1.	Substances
3.2.	Mixtures
4.1.	Description of first aid measures
4.2.	Most important symptoms and effects, both acute and delayed
4.3.	Indication of any immediate medical attention and special treatment needed
5.1.	Extinguishing media
5.2.	Special hazards arising from the substance or mixture
5.3.	Advice for firefighters
5.4.	Additional information
6.1.	Personal precautions, protective equipment and emergency procedures
6.2.	Environmental precautions
6.3.	Methods and material for containment and cleaning up
6.4.	Reference to other sections
6.5.	Additional information
7.1.	Precautions for safe handling
7.2.	Conditions for safe storage, including any incompatibilities
7.3.	Specific end use(s)
8.1.	Control parameters
8.2.	Exposure controls
8.3.	Additional information
9.1.	Information on basic physical and chemical properties
9.2.	Other information
10.1.	Reactivity
10.2.	Chemical stability
10.3.	Possibility of hazardous reactions
10.4.	Conditions to avoid
10.5.	Incompatible materials
10.6.	Hazardous decomposition products
11.1.	Information on hazard classes as defined in Regulation (EC) No 1272/2008
11.2.	Information on other hazards

12.1.	Toxicity
12.2.	Persistence and degradability
12.3.	Bioaccumulative potential
12.4.	Mobility in soil
12.5.	Results of PBT and vPvB assessment
12.6.	Endocrine disrupting properties
12.7.	Other adverse effects
13.1.	Waste treatment methods
13.2.	Additional information
14.1.	UN number or ID number
14.2.	UN proper shipping name
14.3.	Transport hazard class(es)
14.4.	Packing group
14.5.	Environmental hazards
14.6.	Special precautions for user
14.7.	Maritime transport in bulk according to IMO instruments
14.8.	Additional information
15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture
15.2.	Chemical Safety Assessment
15.3.	Additional information
16.1.	Indication of changes
16.2.	Abbreviations and acronyms
16.3.	Key literature references and sources for data
16.4.	Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]
16.5.	List of relevant hazard statements and/or precautionary statements from sections 2 to 15
16.6.	Training advice
16.7.	Additional information

*
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
ATE	Acute Toxicity Estimate
AVV	Waste Shipment Ordinance (DE)
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
DIN	German Institute for Standardization / German Industrial Standard
DNEL	derived no-effect level
EAK	European Waste Catalogue
EC_{50}	Effective Concentration 50%
EG	European Community
EN	European Standard
ES	Exposure scenario
EU	European Union
EWC	European Waste Catalogue
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
ISO	International Standards Organisation
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
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
TRGS	Technische Regeln für Gefahrstoffe
UFI	Unique Formula Identifier
UN	United Nations
VOC	Volatile organic compounds

* 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.	On basis of test data.
Skin corrosion/irritation *(Skin Irrit. 2)*	H315: Causes skin irritation.	Calculation method.
Respiratory or skin sensitisation *(Skin Sens. 1)*	H317: May cause an allergic skin reaction.	Calculation method.
STOT-single exposure *(STOT SE 3)*	H335: May cause respiratory irritation.	Calculation method.

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

Hazard statements	
H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.

* 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.