

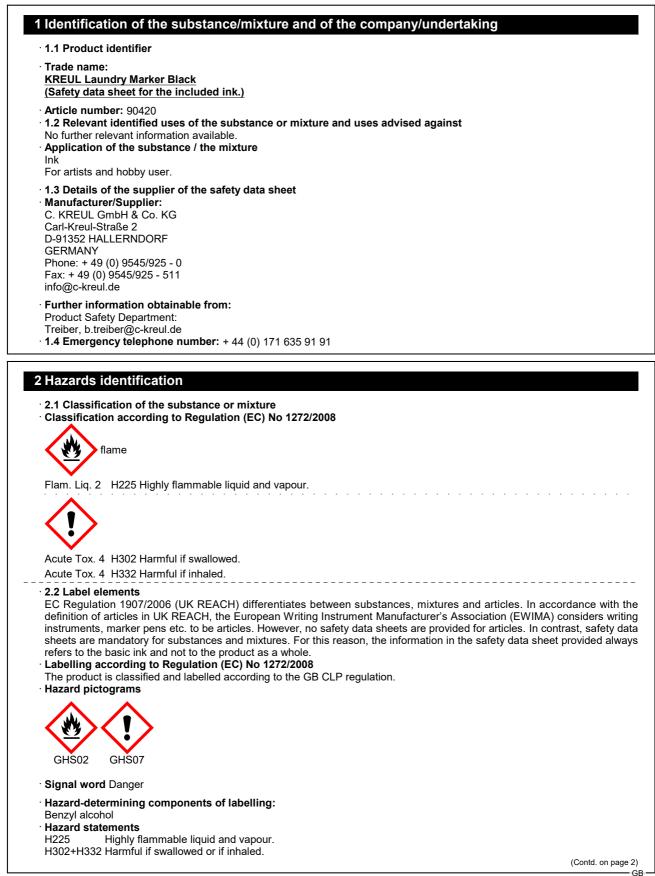
Safety data sheet

according to 1907/2006/EC, Article 31

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· Precaution	ary statements	
P101	If medical advice is needed, have product container or label at hand.	
P102	Keep out of reach of children.	
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.	
P261	Avoid breathing mist/vapours/spray.	
P271	Use only outdoors or in a well-ventilated area.	
P280	Wear protective gloves / eye protection.	
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/ doctor.	
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.	
P370+P378	In case of fire: Use CO2, powder or water spray to extinguish.	
P403+P235	Store in a well-ventilated place. Keep cool.	
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.	
2.3 Other h		

• Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB: Not applicable.

3 Composition/information on ingredients

· 3.2 Mixtures

· Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous components:		
CAS: 100-51-6 EINECS: 202-859-9 Index number: 603-057-00-5	Benzyl alcohol Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332	50-<100%
CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5 Reg.nr.: 01-2119457610-43-XXXX	ethanol 🚯 Flam. Liq. 2, H225	2.5-<10%
CAS: 107-98-2 EINECS: 203-539-1 Index number: 603-064-00-3	1-methoxy-2-propanol	2.5-<10%
· Additional information: For the w	ording of the listed hazard phrases refer to section 16.	·

4 First aid measures

· 4.1 Description of first aid measures

General information:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

- In case of unconsciousness place patient stably in side position for transportation.
- After skin contact:

Wash with water and acidic soap.

If skin irritation continues, consult a doctor.

After eye contact:

Rinse opened eye for several minutes under running water.

Remove contact lenses. After swallowing: Call for a doctor immediately.

• 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

- 4.3 Indication of any immediate medical attention and special treatment needed
- No further relevant information available.

5 Firefighting measures

- Suitable extinguishing agents: CO2, sand, extinguishing powder. Do not use water.
- For safety reasons unsuitable extinguishing agents: Water with full jet
- 5.2 Special hazards arising from the substance or mixture No further relevant information available.
- 5.3 Advice for firefighters
- · Protective equipment: Mouth respiratory protective device.
- Additional information Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
- Wear protective equipment. Keep unprotected persons away.
- 6.2 Environmental precautions:
- Do not allow to enter sewers/ surface or ground water.

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^{· 5.1} Extinguishing media

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 Inform respective authorities in case of seepage into water course or sewage system. 6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to section 13. Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents 6.4 Reference to other sections See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information. 	(Contd. of page 2)
 7 Handling and storage 7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols. Information about fire - and explosion protection: Keep ignition sources away - Do not smoke. Protect against electrostatic charges.	

7.2 Conditions for safe storage, including any incompatibilities Storage:

· Requirements to be met by storerooms and receptacles: Store in a cool location.

- Information about storage in one common storage facility: Not required. Further information about storage conditions: Keep container tightly sealed.
- Store in cool, dry conditions in well sealed receptacles. Storage class: 3 7.3 Specific end use(s) See chapter 1.2.

8 Exposure controls/personal protection

· 8.1 Control parameters

64-17-5 et	thanol			
WEL Lon	g-term value: 1920 n	ng/m³, 1000 ppm		
	1-methoxy-2-propar			
	ort-term value: 560 m			
Lon Sk	g-term value: 375 m	g/m³, 100 ppm		
DNELs				
64-17-5 et				
Oral	•	•	87 mg/kg (general population)	
Dermal	long-term exposure	-systemic effects	206 mg/kg bw/d (general population)	
			343 mg/kg bw/d (worker)	
Inhalative	long-term exposure	-systemic effects	114 mg/m ³ (general population)	
		-	950 mg/m³ (worker)	
	1-methoxy-2-propar			
Oral		•	33 mg/kg (general population)	
Dermal	long-term exposure	-systemic effects	183 mg/kg bw/d (general population)	
			78 mg/kg bw/d (worker)	
Inhalative	long-term exposure	-systemic effects	43.9 mg/m³ (general population)	
			369 mg/m³ (worker)	
PNECs				
64-17-5 et	thanol			
water		2.75 mg/l		
freshwate	r	0.96 mg/l		
marine wa	ater	0.79 mg/l		
sewage tr	eatment plant (STP)	580 mg/l		
freshwate	r sediment	3.6 mg/kg		
soil		0.63 mg/kg		
107-98-2	1-methoxy-2-propar			
water		100 mg/l		
freshwate	r	10 mg/l		
marine wa	ater	1 mg/l		
sewage tr	eatment plant (STP)	100 mg/l		
		52.3 mg/kg		

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marine sediment	5.2 mg/kg	(Conta: of page of
soil	4.59 mg/kg	
Additional information: The		were used as basis.
Additional information: The 8.2 Exposure controls Appropriate engineering co Individual protection meass General protective and hyg Do not eat, drink, smoke or s Avoid contact with the eyes a Immediately remove all soile Wash hands before breaks a Respiratory protection: In case of brief exposure o contained respiratory protect Hand protection Hand protection Protective glove The glove material has to be Due to missing tests no recomixture. Selection of the glove material Material of gloves The selection of the suitable from manufacturer to manu- material can not be calculate Penetration time of glover r The exact break through time For the permanent contact Butyl rubber, BR Recommended thickness of Value for the permeation: Le	a lists valid during the making pentrols No further data; see se ures, such as personal prote- ienic measures: and skin. d and contaminated clothing and at the end of work. r low pollution use respirator ive device. s impermeable and resistant to commendation to the glove ma- al on consideration of the pen- e gloves does not only depen facturer. As the product is a d in advance and has therefore naterial e has to be found out by the m gloves made of the following the material: ≥ 0.5 mm vel ≤ 120 min	ection 7. ective equipment y filter device. In case of intensive or longer exposure use self the product/ the substance/ the preparation. aterial can be given for the product/ the preparation/ the chemica etration times, rates of diffusion and the degradation d on the material, but also on further marks of quality and varies preparation of several substances, the resistance of the glove re to be checked prior to the application.
As protection from splashe Butyl rubber, BR Recommended thickness of Value for the permeation: Le Eye/face protection Tightly sealed ge	the material: $\ge 0.5 \text{ mm}$ vel $\le 120 \text{ min}$	ving materials are suitable:
Butyl rubber, BR Recommended thickness of Value for the permeation: Le Eye/face protection Tightly sealed g Physical and chemica 9.1 Information on basic pl General Information	the material: ≥ 0.5 mm vel ≤ 120 min oggles	ties
Butyl rubber, BR Recommended thickness of Value for the permeation: Le Eye/face protection Tightly sealed g Physical and chemica 9.1 Information on basic pl General Information Physical state	the material: ≥ 0.5 mm vel ≤ 120 min oggles Il properties	ties Fluid
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Butyl rubber, BR Recommended thickness of Value for the permeation: Le Eyelface protection Tightly sealed g Physical and chemica 9.1 Information on basic pl General Information Physical state Colour: Odour:	the material: ≥ 0.5 mm vel ≤ 120 min oggles Il properties	ties Fluid According to product specification
Butyl rubber, BR Recommended thickness of Value for the permeation: Le Eyelface protection Tightly sealed ge Physical and chemica 9.1 Information on basic pl General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing poin	the material: ≥ 0.5 mm vel ≤ 120 min oggles Il properties nysical and chemical proper	ties Fluid According to product specification Characteristic Not determined. Undetermined.
Butyl rubber, BR Recommended thickness of Value for the permeation: Le Eye/face protection Tightly sealed ge Physical and chemica 9.1 Information on basic pl General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing poin Boiling point or initial boili	the material: ≥ 0.5 mm vel ≤ 120 min oggles Il properties nysical and chemical proper	ties Fluid According to product specification Characteristic Not determined. Undetermined. 78 °C (64-17-5 ethanol)
Butyl rubber, BR Recommended thickness of Value for the permeation: Le Eye/face protection Tightly sealed ge Physical and chemica 9.1 Information on basic pl General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing poin Boiling point or initial boili Flammability	the material: ≥ 0.5 mm vel ≤ 120 min oggles Il properties nysical and chemical proper t: ng point and boiling range	ties Fluid According to product specification Characteristic Not determined. Undetermined.
Butyl rubber, BR Recommended thickness of Value for the permeation: Le Eye/face protection Tightly sealed ge Physical and chemica 9.1 Information on basic pl General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing poin Boiling point or initial boili Flammability Lower and upper explosion	the material: ≥ 0.5 mm vel ≤ 120 min oggles Il properties nysical and chemical proper t: ng point and boiling range	ties Fluid According to product specification Characteristic Not determined. Undetermined. Undetermined. 78 °C (64-17-5 ethanol) Highly flammable.
Butyl rubber, BR Recommended thickness of Value for the permeation: Le Eye/face protection Tightly sealed ge Physical and chemica 9.1 Information on basic pl General Information Physical state Colour: Odour threshold: Melting point/freezing poin Boiling point or initial boili Flammability Lower and upper explosion Lower:	the material: ≥ 0.5 mm vel ≤ 120 min oggles Il properties nysical and chemical proper t: ng point and boiling range	ties Fluid According to product specification Characteristic Not determined. Undetermined. Undetermined. 78 °C (64-17-5 ethanol) Highly flammable. 1.3 Vol % (100-51-6 Benzyl alcohol)
Butyl rubber, BR Recommended thickness of Value for the permeation: Le Eye/face protection Tightly sealed ge Physical and chemica 9.1 Information on basic pl General Information Physical state Colour: Odour: Odour: Odour threshold: Melting point/freezing poin Boiling point or initial boili Flammability Lower and upper explosion Lower: Upper:	the material: ≥ 0.5 mm vel ≤ 120 min oggles Il properties nysical and chemical proper t: ng point and boiling range	ties Fluid According to product specification Characteristic Not determined. Undetermined. 1.3 Vol % (100-51-6 Benzyl alcohol) 13 Vol % (100-51-6 Benzyl alcohol)
Butyl rubber, BR Recommended thickness of Value for the permeation: Le Eye/face protection Tightly sealed ge Physical and chemica 9.1 Information on basic pl General Information Physical state Colour: Odour: Odour: Odour threshold: Melting point/freezing poin Boiling point or initial boili Flammability Lower and upper explosion Lower: Upper: Flash point:	the material: ≥ 0.5 mm vel ≤ 120 min oggles Il properties nysical and chemical proper t: ng point and boiling range	ties Fluid According to product specification Characteristic Not determined. Undetermined. 78 °C (64-17-5 ethanol) Highly flammable. 1.3 Vol % (100-51-6 Benzyl alcohol) 13 Vol % (100-51-6 Benzyl alcohol) 13 °C (64-17-5 ethanol)
Butyl rubber, BR Recommended thickness of Value for the permeation: Le Eye/face protection Tightly sealed get Physical and chemica 9.1 Information on basic pl General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing poin Boiling point or initial boili Flammability Lower and upper explosion Lower: Upper: Flash point: Auto-ignition temperature:	the material: ≥ 0.5 mm vel ≤ 120 min oggles Il properties mysical and chemical proper t: ng point and boiling range	ties Fluid According to product specification Characteristic Not determined. Undetermined. 78 °C (64-17-5 ethanol) Highly flammable. 1.3 Vol % (100-51-6 Benzyl alcohol) 13 Vol % (100-51-6 Benzyl alcohol) 13 °C (64-17-5 ethanol) 270 °C (107-98-2 1-methoxy-2-propanol)
Butyl rubber, BR Recommended thickness of Value for the permeation: Le Eye/face protection Tightly sealed ge Physical and chemica 9.1 Information on basic pl General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing poin Boiling point or initial boili Flammability Lower and upper explosion Lower: Upper: Flash point: Auto-ignition temperature: Decomposition temperature	the material: ≥ 0.5 mm vel ≤ 120 min oggles Il properties mysical and chemical proper t: ng point and boiling range	ties Fluid According to product specification Characteristic Not determined. Undetermined. 1.3 Vol % (100-51-6 Benzyl alcohol) 13 Vol % (100-51-6 Benzyl alcohol) 13 Vol % (100-51-6 Benzyl alcohol) 13 °C (64-17-5 ethanol) 270 °C (107-98-2 1-methoxy-2-propanol) Not determined.
Butyl rubber, BR Recommended thickness of Value for the permeation: Le Eye/face protection Tightly sealed get Physical and chemica 9.1 Information on basic pl General Information Physical state Colour: Odour threshold: Melting point/freezing poin Boiling point or initial boili Flammability Lower and upper explosion Lower: Upper: Flash point: Auto-ignition temperature: Decomposition temperature pH	the material: ≥ 0.5 mm vel ≤ 120 min oggles Il properties mysical and chemical proper t: ng point and boiling range	ties Fluid According to product specification Characteristic Not determined. Undetermined. 78 °C (64-17-5 ethanol) Highly flammable. 1.3 Vol % (100-51-6 Benzyl alcohol) 13 Vol % (100-51-6 Benzyl alcohol) 13 °C (64-17-5 ethanol) 270 °C (107-98-2 1-methoxy-2-propanol)
Butyl rubber, BR Recommended thickness of Value for the permeation: Le Eye/face protection Tightly sealed get Physical and chemica 9.1 Information on basic pl General Information Physical state Colour: Odour threshold: Melting point/freezing poin Boiling point or initial boili Flammability Lower and upper explosion Lower: Upper: Flash point: Auto-ignition temperature: Decomposition temperature pH Viscosity:	the material: ≥ 0.5 mm vel ≤ 120 min oggles Il properties mysical and chemical proper t: ng point and boiling range	ties Fluid According to product specification Characteristic Not determined. Undetermined. 78 °C (64-17-5 ethanol) Highly flammable. 1.3 Vol % (100-51-6 Benzyl alcohol) 13 Vol % (100-51-6 Benzyl alcohol) 13 °C (64-17-5 ethanol) 270 °C (107-98-2 1-methoxy-2-propanol) Not determined. Not determined.
Butyl rubber, BR Recommended thickness of Value for the permeation: Le Eye/face protection Tightly sealed get Physical and chemica 9.1 Information on basic pl General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing poin Boiling point or initial boili Flammability Lower and upper explosion Lower: Upper: Flash point: Auto-ignition temperature: Decomposition temperature pH Viscosity: Kinematic viscosity	the material: ≥ 0.5 mm vel ≤ 120 min oggles Il properties mysical and chemical proper t: ng point and boiling range	ties Fluid According to product specification Characteristic Not determined. Undetermined. 78 °C (64-17-5 ethanol) Highly flammable. 1.3 Vol % (100-51-6 Benzyl alcohol) 13 Vol % (100-51-6 Benzyl alcohol) 13 °C (64-17-5 ethanol) 270 °C (107-98-2 1-methoxy-2-propanol) Not determined. Not determined. Not determined.
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Butyl rubber, BR Recommended thickness of Value for the permeation: Le Eye/face protection Tightly sealed g Physical and chemica 9.1 Information on basic pl General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing poin Boiling point or initial boili Flammability Lower and upper explosion Lower: Upper: Flash point: Auto-ignition temperature: Decomposition temperature pH Viscosity: Kinematic viscosity Dynamic: Solubility	the material: ≥ 0.5 mm vel ≤ 120 min oggles Il properties mysical and chemical proper t: ng point and boiling range	ties Fluid According to product specification Characteristic Not determined. Undetermined. 78 °C (64-17-5 ethanol) Highly flammable. 1.3 Vol % (100-51-6 Benzyl alcohol) 13 Vol % (100-51-6 Benzyl alcohol) 13 °C (64-17-5 ethanol) 270 °C (107-98-2 1-methoxy-2-propanol) Not determined. Not determined. Not determined.
Butyl rubber, BR Recommended thickness of Value for the permeation: Le Eye/face protection Tightly sealed get Physical and chemica 9.1 Information on basic pl General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing point Boiling point or initial boili Flammability Lower and upper explosion Lower: Upper: Flash point: Auto-ignition temperature: Decomposition temperature pH Viscosity: Kinematic viscosity Dynamic: Solubility water:	the material: ≥ 0.5 mm vel ≤ 120 min oggles Il properties nysical and chemical proper t: ng point and boiling range n limit e:	ties Fluid According to product specification Characteristic Not determined. Undetermined. 1.3 Vol % (100-51-6 Benzyl alcohol) 13 Vol % (100-51-6 Benzyl alcohol) 13 °C (64-17-5 ethanol) Highly flammable. 1.3 Vol % (100-51-6 Benzyl alcohol) 13 °C (64-17-5 ethanol) 270 °C (107-98-2 1-methoxy-2-propanol) Not determined. Not determined. Not determined. Not determined. Not determined. Not determined.
Butyl rubber, BR Recommended thickness of Value for the permeation: Le Eye/face protection Tightly sealed get Physical and chemica 9.1 Information on basic pl General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing point Boiling point or initial boili Flammability Lower and upper explosion Lower: Upper: Flash point: Auto-ignition temperature: Decomposition temperature: Decomposition temperature pH Viscosity: Kinematic viscosity Dynamic: Solubility water: Partition coefficient n-octa	the material: ≥ 0.5 mm vel ≤ 120 min oggles Il properties nysical and chemical proper t: ng point and boiling range n limit e:	ties Fluid According to product specification Characteristic Not determined. Undetermined. 78 °C (64-17-5 ethanol) Highly flammable. 1.3 Vol % (100-51-6 Benzyl alcohol) 13 Vol % (100-51-6 Benzyl alcohol) 13 Vol % (100-51-6 Benzyl alcohol) 13 °C (64-17-5 ethanol) 270 °C (107-98-2 1-methoxy-2-propanol) Not determined. Not determined. Not determined. Not determined. Not miscible or difficult to mix. Not determined.
Butyl rubber, BR Recommended thickness of Value for the permeation: Le Eye/face protection Tightly sealed g Physical and chemica 9.1 Information on basic pl General Information Physical state Colour: Odour: Odour: Odour threshold: Melting point/freezing poin Boiling point or initial boili Flammability Lower and upper explosion Lower: Upper: Flash point: Auto-ignition temperature: Decomposition temperature: Decomposition temperature PH Viscosity: Kinematic viscosity Dynamic: Solubility water: Partition coefficient n-octa Vapour pressure at 20 °C:	the material: ≥ 0.5 mm vel ≤ 120 min oggles Il properties nysical and chemical proper t: ng point and boiling range n limit e:	ties Fluid According to product specification Characteristic Not determined. Undetermined. 78 °C (64-17-5 ethanol) Highly flammable. 1.3 Vol % (100-51-6 Benzyl alcohol) 13 °C (64-17-5 ethanol) 13 °C (64-17-5 ethanol) 270 °C (107-98-2 1-methoxy-2-propanol) Not determined. Not determined.
Butyl rubber, BR Recommended thickness of Value for the permeation: Le Eye/face protection Tightly sealed get Physical and chemica 9.1 Information on basic pl General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing point Boiling point or initial boili Flammability Lower and upper explosion Lower: Upper: Flash point: Auto-ignition temperature: Decomposition temperature: Decomposition temperature pH Viscosity: Kinematic viscosity Dynamic: Solubility water: Partition coefficient n-octa	the material: ≥ 0.5 mm vel ≤ 120 min oggles I properties nysical and chemical proper t: ng point and boiling range h limit e: nol/water (log value)	ties Fluid According to product specification Characteristic Not determined. Undetermined. 78 °C (64-17-5 ethanol) Highly flammable. 1.3 Vol % (100-51-6 Benzyl alcohol) 13 Vol % (100-51-6 Benzyl alcohol) 13 °C (64-17-5 ethanol) 270 °C (107-98-2 1-methoxy-2-propanol) Not determined. Not determined. Not determined. Not determined. Not determined. Not miscible or difficult to mix. Not determined.

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Relative density	Not determined.
Vapour density	Not determined.
9.2 Other information	
Appearance:	
Form:	Fluid
Important information on protection of h environment, and on safety.	ealth and
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product is not explosive. However, formation of explosive ai
	vapour mixtures are possible.
Solvent content:	. ,
Organic solvents:	85.1 %
VOC (EC)	82.10 %
Solids content: 14.9 %	
Change in condition	
Evaporation rate	Not determined.
Information with regard to physical hazard cla	asses
Explosives	Void
· Flammable gases Void	
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Highly flammable liquid and vapour.
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flamma	able gases
in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

10 Stability and reactivity

· 10.1 Reactivity No further relevant information available.

· 10.2 Chemical stability

- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- · 10.4 Conditions to avoid No further relevant information available.
- · 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

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

• Acute toxicity Harmful if swallowed or if inhaled.

Oral	LD50 1,230 mg/kg (rat)			
Dermal	LD50	2,000 mg/kg (rabbit)		
Inhalative	LC50/4h	11 mg/m³ (ATE)		
64-17-5 et	hanol			
Oral	LD50	10,470 mg/kg (rat) (OECD 403)		
Dermal	LD50	>2,000 mg/kg (rat)		
		12,800 mg/kg (rabbit)		
Inhalative	LC50/4h	124.7 mg/m³ (rat) (OECD 403)		
107-98-2 [•]	I-methox	y-2-propanol		
Oral	LD50	4,016 mg/kg (rat) (EU B.1, ECHA)		
Dermal	LD50	13,000 mg/kg (rab)		
		>2,000 mg/kg (rat) (EU B.3, ECHA)		
Inhalative	LC50/4h	30.04 mg/m³ (rat) (ECHA)		

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

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- \cdot 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

• Endocrine disrupting properties None of the ingredients is listed.

12 Ecological information

· 12.1 Toxicity

Aquatic to 64-17-5 et	-
LC50/96h	14,200 mg/l (pimephales promelas) (US EPA method E03-0)
	13,000 mg/l (oncorhynchus mykiss)
LC50/48h	5,012 mg/l (ceriodaphnia dubia) (ASTM E729-80)
	12,340 mg/l (daphnia magna)
EC50/48h	12,900 mg/l (algae)
	>10,000 mg/l (ceriodaphnia dubia) (DIN 38412 Teil 11)
	9,950 mg/l (crustaceans)
EC50/96h	12,900 mg/l (pimephales promelas) (US EPA method E03-0)
NOEC	2 mg/l /10d (ceriodaphnia dubia) (ECHA)
	250 mg/l /120h (danio rerio) (OECD 212)
ErC50	275 mg/l /72h (algae) (OECD 201)
	11.5 mg/l /3d (algae) (OECD 201)
LC50	1,806 mg/l /10d (ceriodaphnia dubia) (ECHA)
	454 mg/l /9d (daphnia magna) (ECHA)
	-methoxy-2-propanol
	1,000 mg/l (oncorhynchus mykiss) (OECD 203)
	21,100–25,900 mg/l (daphnia magna) (ESR-ES-15)
ErC50	>1,000 mg/l /7d (pseudokirchneriella subcapitata) (ECHA)
	stence and degradability No further relevant information available.
	cumulative potential No further relevant information available. I ity in soil No further relevant information available.
	Its of PBT and vPvB assessment
PBT: Not a	applicable.
• vPvB: Not	
	crine disrupting properties The product does not contain substances with endocrine disrupting properties.
	adverse effects ecological information:
General n	
	w undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

· 13.1 Waste treatment methods

• Recommendation Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:

· Recommendation: Disposal must be made according to official regulations.

14.1 UN number or ID number		
ADR, IMDG, IATA	UN1263	
14.2 UN proper shipping name		
ADR	1263 PAINT	
· IMDG, IATA	PAINT	

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 14.3 Transport hazard class(es) 	
· ADR, IMDG, IATA	
· Class	3 Flammable liquids.
· Label	3
· 14.4 Packing group	
· ADR, IMDG, IATA	II
14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for user	Warning: Flammable liquids.
Hazard identification number (Kemler code):	33
EMS Number:	F-E, <u>S-E</u>
· Stowage Category	В
 14.7 Maritime transport in bulk according to IM instruments 	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	5L Code: E2
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 ml
· Transport category	2
Tunnel restriction code	D/E
·IMDG	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 ml
· UN "Model Regulation":	UN 1263 PAINT, 3, II

15 Regulatory information

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

- · Directive 2012/18/EU
- Named dangerous substances ANNEX I None of the ingredients is listed.
- Seveso category P5c FLAMMABLE LIQUIDS
- Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t
- · Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H332 Harmful if inhaled.
- H336 May cause drowsiness or dizziness.
- · Department issuing SDS: Product Safety Department
- · Contact: B. Treiber, b.treiber@c-kreul.de
- Abbreviations and acronyms:
- ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society)
- VOC: Volatile Organic Compounds (USA, EU) DNEL: Derived No-Effect Level (UK REACH) PNEC: Predicted No-Effect Concentration (UK REACH)
- LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic

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vPvB: very Persistent and very Bioaccumulative Flam. Liq. 2: Flammable liquids – Category 2 Flam. Liq. 3: Flammable liquids – Category 3 Acute Tox. 4: Acute toxicity – Category 4 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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