

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Lösungsmittel für Wettol Basis: Methanol + Wasser 1 + 1 volumetrisch gemischt

Revision date: 16.05.2022 Product code: 31932 Page 1 of 13

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

1.1. Product identifier

Lösungsmittel für Wettol Basis: Methanol + Wasser 1 + 1 volumetrisch gemischt

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

Use of the substance/mixture

Laboratory chemicals

Industrial uses: Uses of substances as such or in preparations at industrial sites

Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Uses advised against

Do not use for private purposes (household).

1.3. Details of the supplier of the safety data sheet

Company name: Fa. Bernd Kraft GmbH Street: Stempelstraße 6 Place: D-47167 Duisburg

Telephone: 0203/5194-0 Telefax: 0203/5194-290

e-mail: info@berndkraft.de

Contact person: Abteilung Produktsicherheit Telephone: 0203/5194-107/117

e-mail: produktsicherheit@berndkraft.de

Internet: www.berndkraft.de

Responsible Department: Abteilung Produktsicherheit

1.4. Emergency telephone For Hazardous Materials [or Dangerous Goods] Incidents Spill, Leak, Fire,

<u>number:</u> Exposure, or Accident Call CHEMTREC Day or Night Within USA and Canada:

1-800-424-9300 Outside USA and Canada: +1 703-741-5970 (collect calls

accepted)

Further Information

This product is a mixture. REACH Registration Number see section 3.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Flam. Liq. 2; H225 Acute Tox. 3; H301 Acute Tox. 3; H311 Acute Tox. 3; H331 STOT SE 1; H370 Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EC) No 1272/2008

Hazard components for labelling

methanol

Signal word: Danger

Pictograms:









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Hazard statements

H225 Highly flammable liquid and vapour.

H301+H311+H331 Toxic if swallowed, in contact with skin or if inhaled.

H370 Causes damage to organs.

H412 Harmful 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.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P308+P311 IF exposed or concerned: Call a POISON CENTER/doctor.

P403+P235 Store in a well-ventilated place. Keep cool.

2.3. Other hazards

No data available

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

CAS No	Chemical name			Quantity	
	EC No	Index No	REACH No		
	Classification (Regulation (EC) No 1272/2008)				
67-56-1	methanol	methanol			
	200-659-6	603-001-00-X	01-2119433307-44		
	Flam. Liq. 2, Acute Tox. 3, Acute Tox. 3, Acute Tox. 3, STOT SE 1; H225 H331 H311 H301 H370				
1336-21-6	Ammonia	Ammonia			
	215-647-6	007-001-01-2	01-2119488876-14		
	Skin Corr. 1B, Aquatic Acute 1, Aquatic Chronic 2; H314 H400 H411				

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

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CAS No	EC No	Chemical name	Quantity			
	Specific Conc.	Limits, M-factors and ATE				
67-56-1	200-659-6	methanol	40 - < 45 %			
	inhalation: LC50 = 128,2 mg/l (vapours); inhalation: ATE = 0,5 mg/l (dusts or mists); dermal: ATE = 300 mg/kg; oral: LD50 = 6000 mg/kg STOT SE 1; H370: >= 10 - 100 STOT SE 2; H371: >= 3 - < 10					
1336-21-6	215-647-6	215-647-6 Ammonia				
	inhalation: LC50 = 4230 mg/l (vapours); oral: LD50 = 350 mg/kg STOT SE 3; H335: >= 5 - 100 M acute; H400: M=10					

Further Information

This product does not contain substances of very high concern according to Regulation (EC) No 1907/2006 (REACH), Article 57 above the respective regulatory concentration limit of = 0.1 % (w/w).

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air.

If breathing is irregular or stopped, administer artificial respiration.

Call a physician immediately.



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After contact with skin

Wash immediately with: Water

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

Call a physician immediately.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water.

Observe risk of aspiration if vomiting occurs.

Call a physician immediately.

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

No data available

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

No data available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

no restriction

5.2. Special hazards arising from the substance or mixture

Combustible liquids

Hazardous combustion products

In case of fire may be liberated: Carbon dioxide (CO2) Carbon monoxide

Vapours are heavier than air, spread along floors and form explosive mixtures with air.

Heating causes rise in pressure with risk of bursting.

5.3. Advice for firefighters

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

In case of fire and/or explosion do not breathe fumes.

Avoid contact with skin, eyes and clothes.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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

Use water spray jet to protect personnel and to cool endangered containers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Keep away from sources of ignition - No smoking.

This material can be ignited by heat, sparks, flames, or other sources of ignition (e.g., static electricity, pilot lights, mechanical/electrical equipment, and electronic devices such as cell phones, computers, calculators, and pagers which have not been certified as intrinsically safe).

Take action to prevent static discharges.

For non-emergency personnel

Provide adequate ventilation.

Use personal protection equipment.

Avoid contact with skin, eyes and clothes.

Remove persons to safety.



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Emergency procedures

Do not breathe dust/fume/gas/mist/vapours/spray.

For emergency responders

Precautionary statements For emergency responders: Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

The vapour of the product is heavier than air and may accumulate below ground level, in pits, channels and basements in higher concentration.

Danger of explosion

6.3. Methods and material for containment and cleaning up

For containment

Cover drains.

Prevent spread over a wide area (e.g. by containment or oil barriers).

Collect in closed and suitable containers for disposal.

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

For cleaning up

Clean contaminated articles and floor according to the environmental legislation.

Other information

Provide adequate ventilation.

Do not breathe dust/fume/gas/mist/vapours/spray.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Read label before use. Handle and open container with care.

When using do not eat, drink, smoke, sniff. Keep container tightly closed.

Use personal protection equipment. Use extractor hood (laboratory).

Do not breathe gas/fumes/vapour/spray. Provide adequate ventilation.

Advice on protection against fire and explosion

Take action to prevent static discharges. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Advice on general occupational hygiene

Keep away from food, drink and animal feedingstuffs.

Further information on handling

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

Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. If handled uncovered, arrangements with local exhaust ventilation have to be used. Store in a place accessible by authorized persons only.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in a cool, well-ventilated place.

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

Further information on storage conditions

Keep cool. Protect from sunlight.

7.3. Specific end use(s)



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Laboratory chemicals

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

CAS No	Substance	ppm	mg/m³	fib/cm³	Category	Origin
7664-41-7	Ammonia, anhydrous	20	14		TWA (8 h)	
		50	36		STEL (15 min)	
67-56-1	Methyl alcohol	200	260		TWA (8 h)	

Biological limit values

CAS No	Substance	Parameter	Value	Test material	Sampling time
67-56-1	Methanol	Methanol	15 mg/L	Urine	End of shift



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DNEL/DMEL values

Morker DNEL, long-term	CAS No	Substance			
Inhalation Systemic 50 mg/m²	DNEL type		Exposure route	Effect	Value
Worker DNEL, long-term Worker DNEL, acute Inhalation Inhalation Iocal 260 mg/m³ Worker DNEL, acute Inhalation Iocal 260 mg/m³ Worker DNEL, acute Inhalation Iocal 260 mg/m³ Worker DNEL, long-term Inhalation Iocal 389 systemic 40 mg/kg bw/day 40 mg/kg bw/day 40 mg/kg bw/day 50 mg/m³ Consumer DNEL, long-term Inhalation Iocal 50 mg/m³ Consumer DNEL, long-term Inhalation Iocal 50 mg/m³ Consumer DNEL, long-term Inhalation Iocal 50 mg/m³ Consumer DNEL, acute Inhalation Iocal 38 mg/kg bw/day Consumer DNEL, long-term Ioral Systemic 8 mg/kg bw/day Morker DNEL, long-term Inhalation Iocal 47,6 mg/m³ Worker DNEL, acute Inhalation Iocal 47,6 mg/m³ Worker DNEL, long-term Inhalation Iocal 47,6 mg/m³ Worker DNEL, acute Inhalation Iocal 36 mg/kg bw/day Worker DNEL, long-term Inhalation Iocal 36 mg/kg bw/day Morker DNEL, long-term Inhalation Iocal 38 mg/kg bw/day Morker DNEL, long-term Inhalation Iocal 38 mg/kg bw/day Morker DNEL, long-term Inhalation Iocal 38 mg/m³ Consumer DNEL, long-term Inhalation Iocal 38 mg/m³ Consumer DNEL, long-term Inhalation Iocal 28 mg/kg bw/day	67-56-1	methanol			
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Worker DNEL, acute dermal systemic 6,8 mg/kg bw/day Consumer DNEL, long-term inhalation systemic 23,8 mg/m³ Consumer DNEL, acute inhalation systemic 23,8 mg/m³ Consumer DNEL, long-term inhalation local 2,8 mg/m³ Consumer DNEL, acute inhalation local 7,2 mg/m³ Consumer DNEL, acute inhalation systemic 68 mg/kg bw/day Consumer DNEL, long-term dermal systemic 68 mg/kg bw/day Consumer DNEL, acute dermal systemic 68 mg/kg bw/day Consumer DNEL, long-term oral systemic 6,8 mg/kg bw/day	Worker DNEL	, acute	inhalation	local	36 mg/m³
Consumer DNEL, long-term inhalation systemic 23,8 mg/m³ Consumer DNEL, acute inhalation systemic 23,8 mg/m³ Consumer DNEL, long-term inhalation local 2,8 mg/m³ Consumer DNEL, acute inhalation local 7,2 mg/m³ Consumer DNEL, long-term dermal systemic 68 mg/kg bw/day Consumer DNEL, acute dermal systemic 68 mg/kg bw/day Consumer DNEL, long-term oral systemic 6,8 mg/kg bw/day	Worker DNEL	, long-term	dermal	systemic	6,8 mg/kg bw/day
Consumer DNEL, acute inhalation systemic 23,8 mg/m³ Consumer DNEL, long-term inhalation local 2,8 mg/m³ Consumer DNEL, acute inhalation local 7,2 mg/m³ Consumer DNEL, long-term dermal systemic 68 mg/kg bw/day Consumer DNEL, acute dermal systemic 68 mg/kg bw/day Consumer DNEL, long-term oral systemic 6,8 mg/kg bw/day	Worker DNEL	, acute	dermal	systemic	6,8 mg/kg bw/day
Consumer DNEL, long-term inhalation local 2,8 mg/m³ Consumer DNEL, acute inhalation local 7,2 mg/m³ Consumer DNEL, long-term dermal systemic 68 mg/kg bw/day Consumer DNEL, acute dermal systemic 68 mg/kg bw/day Consumer DNEL, long-term oral systemic 6,8 mg/kg bw/day	Consumer DN	IEL, long-term	inhalation	systemic	23,8 mg/m³
Consumer DNEL, acute inhalation local 7,2 mg/m³ Consumer DNEL, long-term dermal systemic 68 mg/kg bw/day Consumer DNEL, acute dermal systemic 68 mg/kg bw/day Consumer DNEL, long-term oral systemic 6,8 mg/kg bw/day	Consumer DNEL, acute		inhalation	systemic	23,8 mg/m³
Consumer DNEL, long-term dermal systemic 68 mg/kg bw/day Consumer DNEL, acute dermal systemic 68 mg/kg bw/day Consumer DNEL, long-term oral systemic 6,8 mg/kg bw/day	Consumer DNEL, long-term		inhalation	local	2,8 mg/m³
Consumer DNEL, acute dermal systemic 68 mg/kg bw/day Consumer DNEL, long-term oral systemic 6,8 mg/kg bw/day	Consumer DNEL, acute		inhalation	local	7,2 mg/m³
Consumer DNEL, long-term oral systemic 6,8 mg/kg bw/day	Consumer DNEL, long-term		dermal	systemic	68 mg/kg bw/day
	Consumer DN	IEL, acute	dermal	systemic	68 mg/kg bw/day
Consumer DNEL, acute oral systemic 6,8 mg/kg bw/day	Consumer DN	IEL, long-term	oral	systemic	6,8 mg/kg bw/day
	Consumer DN	IEL, acute	oral	systemic	6,8 mg/kg bw/day



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PNEC values

CAS No	Substance		
Environment	Environmental compartment		
67-56-1	methanol		
Freshwater		20,8 mg/l	
Freshwater (i	intermittent releases)	1540 mg/l	
Marine water		2,08 mg/l	
Freshwater sediment		77 mg/kg	
Marine sedim	nent	7,7 mg/kg	
Micro-organis	sms in sewage treatment plants (STP)	100 mg/l	
Soil		100 mg/kg	
1336-21-6 Ammonia			
Freshwater		0,001 mg/l	
Freshwater (intermittent releases) 0,00		0,007 mg/l	
Marine water		0,001 mg/l	

8.2. Exposure controls

Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

If handled uncovered, arrangements with local exhaust ventilation have to be used.

Individual protection measures, such as personal protective equipment

Eye/face protection

goggles

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.

Skin protection

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

Wear fire resistant or flame retardant clothing.

Wash hands and face before breaks and after work and take a shower if necessary.

Draw up and observe skin protection programme.

Respiratory protection

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Environmental exposure controls

Do not allow to enter into surface water or drains.

Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches.

Danger of explosion

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid Colour: clear

Odour: characteristic

Changes in the physical state

Melting point/freezing point:

No data available
Boiling point or initial boiling point and

>35 °C

boiling range:



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Flammability

Solid/liquid: No data available
Gas: No data available

Explosive properties

Vapours are heavier than air, spread along floors and form explosive mixtures with air.

Lower explosion limits:

Upper explosion limits:

No data available

No data available

Auto-ignition temperature:

No data available

Self-ignition temperature

No data available Solid: Gas: No data available No data available Decomposition temperature: pH-Value: No data available No data available Viscosity / dynamic: Viscosity / kinematic: No data available Flow time: No data available Water solubility: No data available

Solubility in other solvents

No data available

Partition coefficient n-octanol/water:

Vapour pressure:

No data available

Vapour pressure:

No data available

No data available

Density:

0,903 g/cm³

Bulk density:

No data available

Relative vapour density:

No data available

9.2. Other information

Information with regard to physical hazard classes

Oxidizing properties

No data available

Other safety characteristics

Solvent separation test:

Solid content:

No data available

No data available

Evaporation rate:

No data available

Further InformationNo data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Vapours may form explosive mixtures with air.

10.2. Chemical stability



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The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Oxidising agent

10.4. Conditions to avoid

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

10.6. Hazardous decomposition products

SECTION 5: Firefighting measures

Further information

No data available

SECTION 11: Toxicological information

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

Acute toxicity

Toxic if swallowed.

Toxic in contact with skin.

Toxic if inhaled.

ATEmix calculated

ATE (oral) 246,9 mg/kg; ATE (dermal) 740,7 mg/kg; ATE (inhalation vapour) 7,41 mg/l; ATE (inhalation dust/mist) 1,235 mg/l

CAS No	Chemical name							
	Exposure route	Dose		Species	Source	Method		
67-56-1	methanol				·			
	oral	LD50 mg/kg	6000	Monkey	Amer J Ophthalmol 40: 76-83 (cited in DG	Determination of the acute toxicity of t		
	dermal	ATE mg/kg	300					
	inhalation (4 h) vapour	LC50 mg/l	128,2	Rat	Study report (1980)	Study performed according to internal co		
	inhalation dust/mist	ATE	0,5 mg/l					
1336-21-6	Ammonia							
	oral	LD50 mg/kg	350	Rat	Journal of Industrial Hygiene and Toxico	OECD Guideline 401		
	inhalation (1 h) vapour	LC50	4230 mg/l	Mouse	Bull. Environm. Contam. Toxicol, 1982, 2	Assessment of acute inhalation toxicity		

Irritation and corrosivity

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

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

STOT-single exposure

Causes damage to organs. (methanol)

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.



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Practical experience

No data available

11.2. Information on other hazards

Other information

No data available

Further information

No data available

SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name	Chemical name							
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method		
67-56-1	methanol								
	Acute fish toxicity	LC50 mg/l	15400	96 h	Lepomis macrochirus	Bulletin of Environmental Contamination	other: EPA-660/3-75-00 9, 1975		
	Acute algae toxicity	ErC50 22000 mg/l	ca.	96 h	Pseudokirchneriella subcapitata	Ecotoxicology and Environmental Safety 7	OECD Guideline 201		
	Acute crustacea toxicity	EC50 mg/l	> 10000	48 h	Daphnia magna	Water Research 23(4): 495-499 (1989)	other: DIN 38412 Teil 11		
	Fish toxicity	NOEC mg/l	446,7	28 d	Pimephales promelas	SAR and QSAR in Environmental Research,	Calculation performed with ECOSAR		
	Crustacea toxicity	NOEC	208 mg/l	21 d	Daphnia magna	OECD QSAR Toolbox Report (2013)	Toxicity of the target chemical is predi		
1336-21-6	Ammonia								
	Acute fish toxicity	LC50 3,4 mg/l	0,75 -	96 h	Pimephales promelas	Trans Amer Fish Soc; 112 (5). 1983. 705-	Assessment of acute toxicity in the fath		
	Acute crustacea toxicity	EC50	101 mg/l	48 h	Daphnia magna	Environ. Toxicol. Chem. 5: 443-447 (1986	other: ASTM E729-80		
	Fish toxicity	NOEC	1,2 mg/l	61 d	Oncorhynchus gorbuscha	Fish. Bull. 78(3): 641-648 (1980)	OECD Guideline 210		

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
67-56-1	methanol	-0,77
1336-21-6	Ammonia	-1,38

BCF

CAS No	Chemical name	BCF	Species	Source
67-56-1	methanol	1	Cyprinus carpio	Comparative Biochemi



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12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII. No data available

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

Do not allow to enter into surface water or drains.

Avoid release to the environment.

Further information

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

Send to a physico-chemical treatment facility under observation of official regulations.

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:	UN 1230
14.2. UN proper shipping name:	METHANOL
14.3. Transport hazard class(es):	3
14.4. Packing group:	II

14.4. Packing group: Hazard label: 3+6.1 Classification code: FT1 Special Provisions: 279 Limited quantity: 1 L Excepted quantity: E2 Transport category: Hazard No: 336 Tunnel restriction code: D/F

Inland waterways transport (ADN)

14.1. UN number or ID number: UN 1230 **14.2. UN proper shipping name:** METHANOL

14.3. Transport hazard class(es):314.4. Packing group:IIHazard label:3+6.1Classification code:FT1Special Provisions:279 802Limited quantity:1 LExcepted quantity:E2

Marine transport (IMDG)

14.1. UN number or ID number: UN 1230



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14.2. UN proper shipping name: METHANOL

14.3. Transport hazard class(es):314.4. Packing group:IIHazard label:3+6.1Special Provisions:279Limited quantity:1 LExcepted quantity:E2EmS:F-E, S-D

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:UN 123014.2. UN proper shipping name:METHANOL

14.3. Transport hazard class(es):314.4. Packing group:IIHazard label:3+6.1Special Provisions:A113Limited quantity Passenger:1 LPassenger LQ:Y341Excepted quantity:E2

IATA-packing instructions - Passenger:352IATA-max. quantity - Passenger:1 LIATA-packing instructions - Cargo:364IATA-max. quantity - Cargo:60 L

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 69

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 1.

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

Classification	Classification procedure
Flam. Liq. 2; H225	On basis of test data
Acute Tox. 3; H301	Calculation method
Acute Tox. 3; H311	Calculation method
Acute Tox. 3; H331	Calculation method
STOT SE 1; H370	Calculation method
Aquatic Chronic 3; H412	Calculation method

Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.

H301 Toxic if swallowed.

H301+H311+H331 Toxic if swallowed, in contact with skin or if inhaled.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H331 Toxic if inhaled.



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H370 Causes damage to organs. H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material. The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)