

	<b>SAFETY DATA SHEET</b>	Page : 1 / 15
		Revision nr : 5.0
	<b>Derbiliquid S</b>	Issue date : 27/10/2021
		Supersedes : 26/04/2018

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

### 1.1. Product identifier

Product form : Mixture  
Trade name : Derbiliquid S  
UFI : 0F00-N0YX-A00U-4CTT  
Product group : Trade product

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

#### 1.2.1. Relevant identified uses

Main use category : Industrial uses  
Use of the substance/mixture : Further information see technical data sheet. TDS Derbiliquid S.

#### 1.2.2. Uses advised against

No additional information available

### 1.3. Details of the supplier of the safety data sheet

Imperbel N.V./S.A  
Guido Gezellestraat 123  
1654 Beersel (Huizingen), Belgium  
Tel.+32 2 334 87 00  
Fax:+32 2 378 14 69  
info@derbigum.com  
www.derbigum.be

### 1.4. Emergency telephone number

Emergency number : + 32 3 575 55 55 (24h/24h)

Country	Official advisory body	Address	Emergency number
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)


## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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




Flam. Liq. 3 H226  
STOT SE 3 H336  
STOT RE 1 H372  
Aquatic Chronic 3 H412

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

	<b>SAFETY DATA SHEET</b>	Page : 2 / 15
		Revision nr : 5.0
	<b>Derbiliquid S</b>	Issue date : 27/10/2021
		Supersedes : 26/04/2018

## 2.2. Label elements

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

Hazard pictograms (CLP)	:	  
		GHS02                  GHS07                  GHS08
Signal word	:	Danger
Contains	:	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)
Hazard statements (CLP)	:	H226 - Flammable liquid and vapour. H336 - May cause drowsiness or dizziness. H372 - Causes damage to organs through prolonged or repeated exposure. H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	:	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P260 - Do not breathe fume, mist, spray, vapours. P271 - Use only outdoors or in a well-ventilated area. P273 - Avoid release to the environment. P280 - Wear protective gloves, protective clothing, eye protection, face protection. P314 - Get medical advice/attention if you feel unwell.
Extra phrases	:	EUH066 - Repeated exposure may cause skin dryness or cracking.

## 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %


## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Substance name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	(CAS-No.) 64742-82-1 (EC-No.) 919-446-0 (EC Index) - (REACH-no) 01-2119458049-33-xxxx	20 – 25	STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 STOT RE 1, H372 Flam. Liq. 3, H226

	<b>SAFETY DATA SHEET</b>	Page : 3 / 15
		Revision nr : 5.0
	<b>Derbiliquid S</b>	Issue date : 27/10/2021
		Supersedes : 26/04/2018

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2%	(CAS-No.) - (EC-No.) 927-241-2 (EC Index) - (REACH-no) 01-2119471843-32-xxxx	3 – 5	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
Quaternary ammonium compounds, trimethyltallow alkyl, chlorides	(CAS-No.) 8030-78-2 (EC-No.) 232-447-4 (REACH-no) 2119970170-45-xxxx	≤ 0,3	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Skin Corr. 1C, H314 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Additional advice	: First aider: Pay attention to self-protection!. See also section 8 . Never give anything by mouth to an unconscious person. Show this safety data sheet to the doctor in attendance. Treat symptomatically.
Inhalation	: Provide fresh air. Put victim at rest, cover with a blanket and keep warm. Give oxygen or artificial respiration if necessary. Get medical advice/attention.
Skin contact	: Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Wash off with warm water. If a person feels unwell or symptoms of skin irritation appear, consult a physician. Wash contaminated clothing before reuse.
Eyes contact	: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation develops and persists.
Ingestion	: Do NOT induce vomiting. If swallowed, rinse mouth with water (only if the person is conscious). Call a physician immediately.

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

Symptoms/effects	: Causes damage to organs (central nervous system) through prolonged or repeated exposure (Inhalation).
Inhalation	: Vapours may cause drowsiness and dizziness. May cause respiratory irritation.
Skin contact	: Repeated exposure may cause skin dryness or cracking.
Eyes contact	: Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
Ingestion	: Gastrointestinal complaints.

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

In case of doubt or persistent symptoms, consult always a physician.


## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Water spray, Alcohol resistant foam, Carbon dioxide, Dry extinguishing powder.
Unsuitable extinguishing media	: Strong water jet.

### 5.2. Special hazards arising from the substance or mixture

Specific hazards	: In use, may form flammable/explosive vapour-air mixture. Vapours are heavier than air and may spread along floors. Vapours can travel considerable distances to a source of ignition where they can ignite, flash back, or explode. Do not allow run-off from fire-fighting to enter drains or water courses. Dispose of waste in accordance with environmental legislation. Hazardous decomposition products COx.
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	<b>SAFETY DATA SHEET</b>	Page : 4 / 15
		Revision nr : 5.0
	<b>Derbiliquid S</b>	Issue date : 27/10/2021
		Supersedes : 26/04/2018

### **5.3. Advice for firefighters**

Firefighting instructions : Evacuate area. Special protective equipment for fire-fighters. In case of fire: Wear self-contained breathing apparatus. Use water spray or fog for cooling exposed containers.

## **SECTION 6: Accidental release measures**

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

#### **6.1.1. For non-emergency personnel**

For non-emergency personnel : Evacuate area. Provide adequate ventilation. Use personal protective equipment as required. Concerning personal protective equipment to use, see section 8. Avoid contact with skin, eyes and clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Reference to other sections : 5.2.

#### **6.1.2. For emergency responders**

For emergency responders : Ensure procedures and training for emergency decontamination and disposal are in place.

### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains. Notify authorities if product enters sewers or public waters.

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

Methods for cleaning up : Stop leak if safe to do so. Dam up. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Clean contaminated areas thoroughly. Rinse with plenty of water. All processes must be supervised by specialists or authorised personnel.

### **6.4. Reference to other sections**

Concerning personal protective equipment to use, see section 8 . Concerning disposal elimination after cleaning, see section 13.

## **SECTION 7: Handling and storage**


### **7.1. Precautions for safe handling**

Precautions for safe handling : Use personal protective equipment as required. Concerning personal protective equipment to use, see section 8. Avoid contact with skin, eyes and clothing. Do not breathe vapour/aerosol. Provide adequate ventilation. Handling this product may result in electrostatic accumulation. Use proper grounding procedures. Use only non-sparking tools. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hygiene measures : Use only in area provided with appropriate exhaust ventilation. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Keep away from food, drink and animal feedingstuffs. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Keep good industrial hygiene.

### **7.2. Conditions for safe storage, including any incompatibilities**

Technical measures : Storage of flammable liquids. Store in a dry, cool and well-ventilated place. Keep container tight closed. Proper grounding procedures to avoid static electricity should be followed.

	<b>SAFETY DATA SHEET</b>	Page : 5 / 15
		Revision nr : 5.0
	<b>Derbiliquid S</b>	Issue date : 27/10/2021
		Supersedes : 26/04/2018

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

Special rules on packaging : Keep in properly labelled containers.

Packaging materials : Keep only in the original container. Never use pressure to empty container. Do not pierce or burn, even after use. Do not burn, or use a cutting torch on the empty drum.

**7.3. Specific end use(s)**

No data available.

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

Additional information : Concentration measurement in air. Personal monitoring

**8.2. Exposure controls**

Engineering measure(s) : Provide adequate ventilation. Use only in area provided with appropriate exhaust ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Take precautionary measures against static discharges. Organisational measures to prevent /limit releases, dispersion and exposure. Reference to other sections 7.

Personal protective equipment : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hand protection : In case of repeated or prolonged contact wear gloves. Protective gloves complying with EN 374. Recommended material: Nitrile rubber. Viton<sup>®</sup>. Barrier<sup>®</sup> (PE/PA/PE). The selection of specific gloves for a specific application and time of use in a working area, should also take into account other factors on the working space, such as (but not limited to): other chemicals that are possibly used, physical requirements (protection against cutting/drilling, skill, thermal protection), and the instructions/specification of the supplier of gloves.

Eye protection : During splash contact: Wear eye protection

Body protection : Wear suitable protective clothing, gloves and eye/face protection.

Respiratory protection : Not required for normal conditions of use. In case of insufficient ventilation, wear suitable respiratory equipment. full face mask (DIN EN 136). Half-face mask (DIN EN 140). Filter type: A (EN141).



**SECTION 9: Physical and chemical properties**

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

Physical state : Liquid

Appearance : viscous liquid.

Colour : Black.


Odour : Hydrocarbon-like.

Odour threshold : Not available

pH : Not available

Relative evaporation rate (butylacetate=1) : No data available

Melting / freezing point : No data available

	<b>SAFETY DATA SHEET</b>	Page : 6 / 15
		Revision nr : 5.0
	<b>Derbiliquid S</b>	Issue date : 27/10/2021
		Supersedes : 26/04/2018

Freezing point	: No data available
Initial boiling point and boiling range	: 150 °C Initial boiling point
Flash point	: 27 °C (PMCC)
Auto-ignition temperature	: > 300 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: 10 hPa (@20°C)
Vapour density	: No data available
Relative density	: No data available
Density	: 0,96 g/ml
Solubility	: Water: Insoluble
Partition coefficient n-octanol/water	: No data available
Kinematic viscosity	: 4000 mm <sup>2</sup> /s (@ 40°C)
Dynamic viscosity	: No data available
Explosive properties	: No data available. The study does not need to be conducted because there are no chemical groups associated with explosive properties present in the molecule.
Oxidising properties	: No additional information available. The classification procedure needs not to be applied because there are no chemical groups present in the molecule which are associated with oxidising properties.
Explosive limits	: No data available
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle aggregation state	: Not applicable
Particle agglomeration state	: Not applicable
Particle specific surface area	: Not applicable
Particle dustiness	: Not applicable

## **9.2. Other information**

### **9.2.1. Information with regard to physical hazard classes**

No additional information available

### **9.2.2. Other safety characteristics**

No additional information available

## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**


Flammable liquid and vapour.

### **10.2. Chemical stability**

Stable at ambient temperature and under normal conditions of use.

### **10.3. Possibility of hazardous reactions**

In use may form flammable/explosive vapour-air mixture.

	<b>SAFETY DATA SHEET</b>	Page : 7 / 15
		Revision nr : 5.0
	<b>Derbiliquid S</b>	Issue date : 27/10/2021
		Supersedes : 26/04/2018

#### 10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Handling and storage . Reference to other sections 7:

#### 10.5. Incompatible materials

No information available.

#### 10.6. Hazardous decomposition products

When heated to decomposition, emits dangerous fumes. Hazardous decomposition products due to incomplete combustion. Carbon monoxide.

### SECTION 11: Toxicological information

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

Acute toxicity : Not classified (Based on available data, the classification criteria are not met)

Quaternary ammonium compounds, trimethyltallow alkyl, chlorides (8030-78-2)	
LD50/oral/rat	1260 mg/kg
LD50/dermal/rabbit	≤ 4000 mg/kg

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% (-)	
LD50/oral/rat	> 5000 mg/kg
LD50/dermal/rabbit	> 5000 mg/kg

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)

Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)

Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)

STOT-single exposure : May cause drowsiness or dizziness.  
EC 919-446-0, EC 927-241-2 : May cause drowsiness or dizziness.

STOT-repeated exposure : Causes damage to organs through prolonged or repeated exposure.  
CAS 919-446-0 : Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)


Derbiliquid S	
Kinematic viscosity	4000 mm <sup>2</sup> /s (@ 40°C)

Other information : Symptoms related to the physical, chemical and toxicological characteristics.  
For further information see section 4.

#### 11.2. Information on other hazards

##### 11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

	<b>SAFETY DATA SHEET</b>	Page : 8 / 15
		Revision nr : 5.0
	<b>Derbiliquid S</b>	Issue date : 27/10/2021
		Supersedes : 26/04/2018

### 11.2.2 Other information

Other information : Symptoms related to the physical, chemical and toxicological characteristics, For further information see section 4

## SECTION 12: Ecological information

### 12.1. Toxicity

Environmental properties : Harmful to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

<b>Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, &lt;2% (-)</b>	
LC50 - Fish [1]	10 – 100 mg/l
NOEC (acute)	0,1 – 1 mg/l fish

### 12.2. Persistence and degradability

<b>Derbiliquid S</b>	
Persistence and degradability	No additional information available.

### 12.3. Bioaccumulative potential

<b>Derbiliquid S</b>	
Bioaccumulative potential	No additional information available.

### 12.4. Mobility in soil

<b>Derbiliquid S</b>	
Mobility in soil	No information available

### 12.5. Results of PBT and vPvB assessment

<b>Derbiliquid S</b>	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
Results of PBT assessment	No information available


### 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

### 12.7. Other adverse effects

Other adverse effects : No information available



	<b>SAFETY DATA SHEET</b>	Page : 9 / 15
	<b>Derbiliquid S</b>	Revision nr : 5.0
		Issue date : 27/10/2021
		Supersedes : 26/04/2018






### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product/Packaging disposal recommendations	: Handle with care. See Section 7 for information on safe handling. Recycling is preferred to disposal or incineration. If recycling is not possible, eliminate in accordance with local valid waste disposal regulations. Collect and dispose of waste product at an authorised disposal facility.
Additional information	: Delivery to an approved waste disposal company.
Further ecological information	: Do not allow to enter into surface water or drains.
European waste catalogue (2001/573/EC, 75/442/EEC, 91/689/EEC)	: Classified as hazardous waste according to European Union regulations. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities

### SECTION 14: Transport information


In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
3295	3295	3295	3295	3295
<b>14.2. UN proper shipping name</b>				
HYDROCARBONS, LIQUID, N.O.S.	HYDROCARBONS, LIQUID, N.O.S.	Hydrocarbons, liquid, n.o.s.	HYDROCARBONS, LIQUID, N.O.S.	HYDROCARBONS, LIQUID, N.O.S.
<b>Transport document description</b>				
UN 3295 HYDROCARBONS, LIQUID, N.O.S., 3, III, (D/E)	UN 3295 HYDROCARBONS, LIQUID, N.O.S., 3, III	UN 3295 Hydrocarbons, liquid, n.o.s., 3, III	UN 3295 HYDROCARBONS, LIQUID, N.O.S., 3, III	UN 3295 HYDROCARBONS, LIQUID, N.O.S., 3, III
<b>14.3. Transport hazard class(es)</b>				
3	3	3	3	3
				
<b>14.4. Packing group</b>				
III	III	III	III	III
<b>14.5. Environmental hazards</b>				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

#### 14.6. Special precautions for user

##### - Overland transport

Classification code (ADR)	: F1
Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T4

	<b>SAFETY DATA SHEET</b>	Page : 10 / 15
		Revision nr : 5.0
	<b>Derbiliquid S</b>	Issue date : 27/10/2021
		Supersedes : 26/04/2018

Portable tank and bulk container special provisions (ADR) : TP1, TP29  
 Tank code (ADR) : LGBF  
 Vehicle for tank carriage : FL  
 Transport category (ADR) : 3  
 Special provisions for carriage - Packages (ADR) : V12  
 Special provisions for carriage - Operation (ADR) : S2  
 Hazard identification number (Kemler No.) : 30  
 Orange plates :



Tunnel restriction code : D/E  
 EAC code : 3YE

**- Transport by sea**


Special provisions (IMDG) : 223  
 Limited quantities (IMDG) : 5 L  
 Excepted quantities (IMDG) : E1  
 Packing instructions (IMDG) : P001, LP01  
 IBC packing instructions (IMDG) : IBC03  
 Tank instructions (IMDG) : T4  
 Tank special provisions (IMDG) : TP1, TP29  
 EmS-No. (Fire) : F-E  
 EmS-No. (Spillage) : S-D  
 Stowage category (IMDG) : A  
 Properties and observations (IMDG) : Immiscible with water.

**- Air transport**

PCA Excepted quantities (IATA) : E1  
 PCA Limited quantities (IATA) : Y344  
 PCA limited quantity max net quantity (IATA) : 10L  
 PCA packing instructions (IATA) : 355  
 PCA max net quantity (IATA) : 60L  
 CAO packing instructions (IATA) : 366  
 CAO max net quantity (IATA) : 220L  
 Special provisions (IATA) : A3, A224  
 ERG code (IATA) : 3L

**- Inland waterway transport**

Classification code (ADN) : F1  
 Limited quantities (ADN) : 5 L  
 Excepted quantities (ADN) : E1  
 Carriage permitted (ADN) : T  
 Equipment required (ADN) : PP, EX, A

	<b>SAFETY DATA SHEET</b>	Page : 11 / 15
		Revision nr : 5.0
		Issue date : 27/10/2021
	<b>Derbiliquid S</b>	Supersedes : 26/04/2018

Ventilation (ADN) : VE01  
Number of blue cones/lights (ADN) : 0

**- Rail transport**

Classification code (RID) : F1  
Limited quantities (RID) : 5L  
Excepted quantities (RID) : E1  
Packing instructions (RID) : P001, IBC03, LP01, R001  
Mixed packing provisions (RID) : MP19  
Portable tank and bulk container instructions (RID) : T4  
Portable tank and bulk container special provisions (RID) : TP1, TP29  
Tank codes for RID tanks (RID) : LGBF  
Transport category (RID) : 3  
Special provisions for carriage – Packages (RID) : W12  
Colis express (express parcels) (RID) : CE4  
Hazard identification number (RID) : 30

**14.7. Maritime transport in bulk according to IMO instruments**

**SECTION 15: Regulatory information**

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

**15.1.1. EU-Regulations**


The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3(a) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F	Derbiliquid S ; Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) ; Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2%
3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	Derbiliquid S ; Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) ; Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2%
3(c) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1	Derbiliquid S ; Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) ; Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2%
40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.	Derbiliquid S ; Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) ; Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2%

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

**15.1.2. National regulations**

	<b>SAFETY DATA SHEET</b>	Page : 12 / 15
		Revision nr : 5.0
	<b>Derbiliquid S</b>	Issue date : 27/10/2021
		Supersedes : 26/04/2018

### France

No ICPE	Installations classées Désignation de la rubrique	Code Régime	Rayon
4330.text	Liquides inflammables de catégorie 1, liquides inflammables maintenus à une température supérieure à leur point d'ébullition, autres liquides de point éclair inférieur ou égal à 60° C maintenus à une température supérieure à leur température d'ébullition ou dans des conditions particulières de traitement, telles qu'une pression ou une température élevée (1).		
4330.1	La quantité totale susceptible d'être présente dans les installations y compris dans les cavités souterraines étant : 1. Supérieure ou égale à 10 t (1) Conformément à la section 2.6.4.5 de l'annexe I du règlement (CE) n° 1272/2008, il n'est pas nécessaire de classer les liquides ayant un point d'éclair supérieur à 35° C dans la catégorie 3 si l'épreuve de combustion entretenue du point L 2, partie III, section 32, du Manuel d'épreuves et de critères des Nations unies a donné des résultats négatifs. Toutefois, cette remarque n'est pas valable en cas de température ou de pression élevée, et ces liquides doivent alors être classés dans cette catégorie. Quantité seuil bas au sens de l'article R. 511-10 : 10 t. Quantité seuil haut au sens de l'article R. 511-10 : 50 t.	A	2
4330.2	La quantité totale susceptible d'être présente dans les installations y compris dans les cavités souterraines étant : 2. Supérieure ou égale à 1 t mais inférieure à 10 t (1) Conformément à la section 2.6.4.5 de l'annexe I du règlement (CE) n° 1272/2008, il n'est pas nécessaire de classer les liquides ayant un point d'éclair supérieur à 35° C dans la catégorie 3 si l'épreuve de combustion entretenue du point L 2, partie III, section 32, du Manuel d'épreuves et de critères des Nations unies a donné des résultats négatifs. Toutefois, cette remarque n'est pas valable en cas de température ou de pression élevée, et ces liquides doivent alors être classés dans cette catégorie. Quantité seuil bas au sens de l'article R. 511-10 : 10 t. Quantité seuil haut au sens de l'article R. 511-10 : 50 t.	DC	
4331.text	Liquides inflammables de catégorie 2 ou catégorie 3 à l'exclusion de la rubrique 4330. La quantité totale susceptible d'être présente dans les installations y compris dans les cavités souterraines étant :		
4331.1	1. Supérieure ou égale à 1000 t Quantité seuil bas au sens de l'article R. 511-10 : 5 000 t. Quantité seuil haut au sens de l'article R. 511-10 : 50 000 t.	A	2
4331.2	2. Supérieure ou égale à 100 t mais inférieure à 1000 t Quantité seuil bas au sens de l'article R. 511-10 : 5 000 t. Quantité seuil haut au sens de l'article R. 511-10 : 50 000 t.	E	
4331.3	3. Supérieure ou égale à 50 t mais inférieure à 100 t Quantité seuil bas au sens de l'article R. 511-10 : 5 000 t. Quantité seuil haut au sens de l'article R. 511-10 : 50 000 t.	DC	

### Germany

Regulatory reference	: WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1)
Risk classification according to VbF	: A II - Liquids with a flashpoint between 21°C and 55°C
Hazardous Incident Ordinance (12. BImSchV)	: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

	<b>SAFETY DATA SHEET</b>	Page : 13 / 15
		Revision nr : 5.0
	<b>Derbiliquid S</b>	Issue date : 27/10/2021
		Supersedes : 26/04/2018

#### Netherlands

Waterbezwaarlijkheid	: B (3) - hazardous for aquatic organisms
Saneringsinspanningen	: B - Lozing minimaliseren; toepassen van best uitvoerbare technieken
SZW-lijst van kankerverwekkende stoffen	: Quaternary ammonium compounds, trimethyltallow alkyl, chlorides is listed
SZW-lijst van mutagene stoffen	: Quaternary ammonium compounds, trimethyltallow alkyl, chlorides is listed
SZW-lijst van reprotoxische stoffen – Borstvoeding	: None of the components are listed
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid	: None of the components are listed
SZW-lijst van reprotoxische stoffen – Ontwikkeling	: None of the components are listed

#### Denmark

Class for fire hazard	: Class II-1
Store unit	: 5 liter
Classification remarks	: R10 <H226;H336;H372;H412>; Emergency management guidelines for the storage of flammable liquids must be followed
Recommendations Danish Regulation	: Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product

#### 15.2. Chemical safety assessment


For the following substances of this mixture a chemical safety assessment has been carried out

<b>For the following substances of this mixture a chemical safety assessment has been carried out</b>
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) Quaternary ammonium compounds, trimethyltallow alkyl, chlorides Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2%

#### SECTION 16: Other information

Indication of changes:

1	SDS Version (obsolete)	Modified	
1	Issue date	Added	
2.3	ED	Added	
3.2	Composition	Modified	
3.2	Composition	Modified	
11.2	Adverse health effects caused by endocrine disrupting properties	Added	
12.6	Adverse effects on the environment caused by endocrine disrupting properties	Added	
14.7	Maritime transport in bulk according to IMO instruments	Added	
15	Waterbezwaarlijkheid	Added	
15.1	Installations classées	Modified	
16	Training advice	Modified	

	<b>SAFETY DATA SHEET</b>		Page : 14 / 15
			Revision nr : 5.0
			Issue date : 27/10/2021
	<b>Derbiliquid S</b>		Supersedes : 26/04/2018

16	Other information	Added	
	Information with regard to physical hazard classes	Added	

Abbreviations and acronyms:

	ADN = Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route CLP = Classification, Labelling and Packaging Regulation according to 1272/2008/EC IATA = International Air Transport Association IMDG = International Maritime Dangerous Goods Code LEL = Lower Explosive Limit/Lower Explosion Limit UEL = Upper Explosion Limit/Upper Explosive Limit REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
	EC50 = Median Effective Concentration
	LC50 = Median lethal concentration
	LD50 = Median lethal dose
	TLV = Threshold limits
	TWA = time weighted average
	STEL = Short term exposure limit
	persistent, bioaccumulating and toxic (PBT).
	vPvB = very persistent and very bioaccumulating
	WGK = Wassergefährdungsklasse (Water Hazard Class under German Federal Water Management Act)

Sources of key data used to compile the : European Chemicals Bureau SDS Supplier. MSDS LOLI. datasheet

Training advice : Training staff on good practice. Manipulations are to be done only by qualified and authorised persons.

Other information : Assessment/classification CLP. Article 9. Calculation method.

Full text of H- and EUH-statements:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
EUH066	Repeated exposure may cause skin dryness or cracking.
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H336	May cause drowsiness or dizziness.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

	<b>SAFETY DATA SHEET</b>	Page : 15 / 15
		Revision nr : 5.0
	<b>Derbiliquid S</b>	Issue date : 27/10/2021
		Supersedes : 26/04/2018

H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C
STOT RE 1	Specific target organ toxicity – Repeated exposure, Category 1
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878  
Classification according to Regulation (EC) No. 1272/2008 [CLP]  
Labelling according to Regulation (EC) No. 1272/2008 [CLP]

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