

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**MILICARIBIC DUFTKONZENTRAT**

Revision date: 08.06.2018

Product code: 70238\_CLP

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

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

perfumes

Reserved for industrial and professional use.

**Uses advised against**

No information available.

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

Company name:	DR.SCHNELL GmbH & Co. KGaA	
Street:	Taunusstraße 19	
Place:	D-80807 München	
Telephone:	+49/89/350608-0	Telefax: +49/89/350608-47
e-mail:	info@dr-schnell.de	
Contact person:	Josef Feuerstein	Telephone: +49/89/350608-46
e-mail:	sdb@dr-schnell.de	
Internet:	www.dr-schnell.de	
Responsible Department:	Labor	

**1.4. Emergency telephone number:**Emergency CONTACT (24-Hour-Number) international:  
GBK GmbH +49 (0) 61 32 - 8 44 63**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

Classification according to directive 67/548/EEC or 1999/45/EC: The preparation is not dangerous in the sense of Directive 1999/45/EC.

**2.2. Label elements****Regulation (EC) No. 1272/2008****Special labelling of certain mixtures**

EUH208	Contains dipentene, limonene, DIMETHYL-3-CYCLOHEXEN-1-CARBOXALDEHYDE. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

**2.3. Other hazards**

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

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**Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
64-17-5	Ethanol			5 - < 10 %
	200-578-6	603-002-00-5	01-2119457610-43	
	Flam. Liq. 2, Eye Irrit. 2; H225 H319			

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

**SECTION 4: First aid measures****4.1. Description of first aid measures****After inhalation**

- Move victim out of danger zone.
- Provide fresh air.
- In all cases of doubt, or when symptoms persist, seek medical advice.
- To be accompanied by MSDS.

**After contact with skin**

- After contact with skin, wash immediately with plenty of water and soap.
- Remove contaminated clothing immediately and dispose off safely.
- In case of skin irritation, seek medical treatment.

**After contact with eyes**

- Rinse immediately carefully and thoroughly with eye-bath or water.
- Remove contact lenses, if present and easy to do. Continue rinsing.
- In all cases of doubt, or when symptoms persist, seek medical advice.

**After ingestion**

- Do NOT induce vomiting. Call a physician immediately. To be accompanied by MSDS.

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

If applicable, delayed symptoms and effects can be found in section 11. , i.e. under section 4.1 for absorption methods.

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

No information available.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Water spray. / alcohol resistant foam.

**Unsuitable extinguishing media**

High power water jet.

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

- Hazardous combustion products
- Oxides of carbon
- Gas/vapours, harmful.
- Explosive steam/air combination.

**5.3. Advice for firefighters**

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

**Additional information**

- Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
- Dispose of waste according to applicable legislation.

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### SECTION 6: Accidental release measures

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

- Remove all sources of ignition. No smoking.
- Provide adequate ventilation.
- Avoid contact with eyes and skin.

#### **6.2. Environmental precautions**

- Prevent spread over a wide area (e.g. by containment or oil barriers).
- Do not allow to enter into surface water or drains.

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

- Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
- Treat the recovered material as prescribed in the section on waste disposal.
- Flush residue with plenty of water.

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

- For personal protective equipment see Section 8 and for disposal instructions see Section 13.

### SECTION 7: Handling and storage

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

##### **Advice on safe handling**

- In addition to the information contained in this section, relevant information can also be found in sections 8 and 6.1.

##### **Further information on handling**

- Provide adequate ventilation.
- Keep away from sources of ignition - No smoking.
- When using do not eat, drink or smoke.
- Wash hands before breaks and after work.
- General hygiene measures for the handling of chemicals are applicable.
- Observe instructions for use.
- Notice the directions for use on the label.
- Take precautionary measures against static discharges.
- Keep away from food, drink and animal feedingstuffs.
- Contaminated work clothing should not be allowed out of the workplace.

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

##### **Requirements for storage rooms and vessels**

- Not to be stored in gangways or stair wells.
- Store product closed and only in original packing.
- Keep in a cool place.

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

- No information available.

### SECTION 8: Exposure controls/personal protection

#### **8.1. Control parameters**

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**Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
57-55-6	Propane-1,2-diol, particulates	-	10		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

**8.2. Exposure controls****Appropriate engineering controls**

Provide adequate ventilation.  
This can be achieved by local exhaust ventilation or general ventilation.  
When exceeding the occupational exposure limit (OEL): Use appropriate respiratory protection.  
Applies only if maximum permissible exposure values are listed here.

**Protective and hygiene measures**

General hygiene measures for the handling of chemicals are applicable.  
Wash hands before breaks and after work.  
Keep away from food, drink and animal feedingstuffs.  
Contaminated work clothing should not be allowed out of the workplace.

**Eye/face protection**

Recommendation: Tightly sealed safety glasses. (EN 166)

**Hand protection**

Protective gloves of nitrile (EN 374), Permeation time (penetration time) in minutes: 480  
Recommendation: Manufacturer: KCL GmbH, D-36124 Eichenzell, E-mail: vertrieb@kcl.de  
Specification No.: 730 Camatril Velours

No tests have been carried out.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

**Skin protection**

Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments)

**Respiratory protection**

When exceeding the occupational exposure limit (OEL): Filter A (EN 14387), brown  
Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

**Environmental exposure controls**

No information available.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state: liquid  
Colour: light yellow  
Odour: fruity

**Test method**

pH-Value: 7

**Changes in the physical state**

Melting point: not determined  
Initial boiling point and boiling range: 80 °C  
Flash point: not determined

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Sustaining combustion:	Not sustaining combustion
<b>Flammability</b>	
Solid:	not determined
Gas:	not determined
<b>Explosive properties</b>	
not determined	
Lower explosion limits:	3,5 vol. % Ethanol
Upper explosion limits:	15 vol. % Ethanol
<b>Auto-ignition temperature</b>	
Solid:	not determined
Gas:	not determined
<b>Oxidizing properties</b>	
not determined	
Vapour pressure:	not determined
Vapour pressure:	not determined
Density:	1,008 g/cm <sup>3</sup>
Bulk density:	not determined
Water solubility:	easily soluble.
<b>Solubility in other solvents</b>	
not determined	
Partition coefficient:	not determined
Viscosity / dynamic:	not determined
Viscosity / kinematic:	not determined
Solvent content:	not determined

**9.2. Other information**

Mixability: not determined  
 Fat solubility (g/l): not determined  
 Conductivity: not determined  
 Not sustaining combustion  
 Surface tension: not determined

**SECTION 10: Stability and reactivity****10.1. Reactivity**

See also Subsection 10.2 to 10.6.  
 The product has not been tested.

**10.2. Chemical stability**

See also Subsection 10.4 to 10.6.

**10.3. Possibility of hazardous reactions**

See also Subsection 10.4 to 10.6.

**10.4. Conditions to avoid**

See also section 7.

**10.5. Incompatible materials**

Avoid contact with strong oxidants  
 Avoid contact with other chemicals.

**10.6. Hazardous decomposition products**

See also Subsection 10.4 to 10.6.

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See also section 5.2.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicokinetics, metabolism and distribution

No classification according to calculation methods.

Possibly more information on health effects, see Section 2.1 (classification).

#### Acute toxicity

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64-17-5	Ethanol				
	oral	LD50 mg/kg	10410	Rat	
	dermal	LD50 mg/kg	>2000	Rabbit	
	inhalation (4 h) vapour	LC50 mg/l	117-125	Rat	

#### Irritation and corrosivity

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

#### Sensitising effects

Contains dipentene, limonene, DIMETHYL-3-CYCLOHEXEN-1-CARBOXALDEHYDE. May produce an allergic reaction.

#### Carcinogenic/mutagenic/toxic effects for reproduction

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.

## SECTION 12: Ecological information

### 12.1. Toxicity

See section 2.1 (rating) for potentially additional information concerning environmental effects.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
64-17-5	Ethanol					
	Acute fish toxicity	LC50 mg/l	13000	96 h	Oncorhynchus mykiss (Rainbow trout)	
	Acute algae toxicity	ErC50	275 mg/l	72 h	Chlorella vulgaris	
	Acute crustacea toxicity	EC50 mg/l	12340	48 h	Daphnia magna (Big water flea)	Daphnia magna

### 12.2. Persistence and degradability

The surfactant contained in this mixture complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of

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a detergent manufacturer.

#### **12.3. Bioaccumulative potential**

No data available

#### **Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
64-17-5	Ethanol	-0,35

#### **12.4. Mobility in soil**

No data available

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

No data available

#### **12.6. Other adverse effects**

No data available

## SECTION 13: Disposal considerations

### **13.1. Waste treatment methods**

#### **Advice on disposal**

Dispose of waste according to applicable legislation.

For example: designated incinerator

E.g. dispose at suitable refuse site.

#### **Waste disposal number of waste from residues/unused products**

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

#### **Waste disposal number of contaminated packaging**

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

#### **Contaminated packaging**

Dispose of waste according to applicable legislation.

Completely empty containers

Recommendation: Dispose using dual system.

## SECTION 14: Transport information

### **Land transport (ADR/RID)**

**14.1. UN number:** not applicable

**14.2. UN proper shipping name:** not applicable

**14.3. Transport hazard class(es):** not applicable

**14.4. Packing group:** not applicable

### **Inland waterways transport (ADN)**

**14.1. UN number:** not applicable

**14.2. UN proper shipping name:** not applicable

**14.3. Transport hazard class(es):** not applicable

**14.4. Packing group:** not applicable

### **Marine transport (IMDG)**

**14.1. UN number:** not applicable

**14.2. UN proper shipping name:** not applicable

**14.3. Transport hazard class(es):** not applicable

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**Air transport (ICAO-TI/IATA-DGR)****14.1. UN number:** not applicable**14.2. UN proper shipping name:** not applicable**14.3. Transport hazard class(es):** not applicable**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

**14.6. Special precautions for user**

Unless specified otherwise, general measures for safe transport must be followed.

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

Not a hazardous material with respect to these transportation regulations.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

2010/75/EU (VOC): 39,664 % (399,809 g/l)

2004/42/EC (VOC): 39,664 % (399,809 g/l)

**Additional information**

For classification and labelling, see section 2.

Observe Chemical Ordinance, ChemO

Observe Chemical Risk Reduction Ordinance, ORRChem

Observe Air Quality Control regulation

**National regulatory information**

Water contaminating class (D): 2 - clearly water contaminating

**SECTION 16: Other information****Changes**

Revised sections: 1, 2, 7, 9, 12, 16

**Abbreviations and acronyms**

vPvB = very persistent very bioaccumulative

PBT = persistent bioaccumulative toxic

**Relevant H and EUH statements (number and full text)**

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

EUH208 Contains dipentene, limonene, DIMETHYL-3-CYCLOHEXEN-1-CARBOXALDEHYDE.

May produce an allergic reaction.

EUH210 Safety data sheet available on request.

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