

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**MILIERDBEERE DUFTKONZENTRAT**

Revision date: 08.06.2018

Product code: 70133\_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:	Tanusstraße 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.

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

EUH208	Contains Vanillin. 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****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**

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### 4.1. Description of first aid measures

#### **After inhalation**

If breathing is irregular or stopped, administer artificial respiration. Medical treatment necessary. Move victim out of danger zone.

Provide fresh air.

#### **After contact with skin**

If skin irritation occurs: Get medical advice/attention. After contact with skin, wash immediately with plenty of water and soap.

Remove contaminated clothing immediately and dispose off safely.

#### **After contact with eyes**

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

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**

Rinse mouth immediately and drink plenty of water. Rinse mouth thoroughly with water. 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.

It can take hours before symptoms of poisoning show up following exposure.

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

Treat symptomatically. No information available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### **Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings. Water spray. / alcohol resistant foam. / Carbon dioxide (CO<sub>2</sub>). / Dry extinguishing powder.

#### **Unsuitable extinguishing media**

No data available

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

Non-flammable. Vapours can form explosive mixtures with air. Hazardous combustion products

Oxides of carbon

Gas/vapours, toxic.

Flammable steam/air mixtures

### 5.3. Advice for firefighters

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

If necessary Full protective suit.

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

#### **Additional information**

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Dispose of waste according to applicable legislation.

## SECTION 6: Accidental release measures

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

Provide adequate ventilation.

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Do not breathe gas/fumes/vapour/spray.  
Avoid contact with skin, eyes and clothes.  
Use personal protection equipment.  
Remove all sources of ignition. No smoking.  
If necessary Caution, slippery

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

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers).  
Stop leak if safe to do so.

#### **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.  
Can be diluted with water  
Flush residue with plenty of water.

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

Safe handling: see section 7  
Personal protection equipment: see section 8  
Disposal: see section 13 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.

#### **Advice on protection against fire and explosion**

No special fire protection measures are necessary.

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

Provide adequate ventilation.  
Keep away from sources of ignition - No smoking.  
Avoid contact with eyes and skin.  
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.  
Working methods should be applied according to operating instructions.  
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**

Keep container tightly closed. Not to be stored in gangways or stair wells.  
Store product closed and only in original packing.  
storage temperature: at room temperature

#### **Advice on storage compatibility**

No special measures are necessary.

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

No information available.

## SECTION 8: Exposure controls/personal protection

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

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme.

Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink. 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**

Suitable eye protection: goggles.

(EN 166)

**Hand protection**

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. 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.

Recommended

Protective gloves of nitrile (EN 374)

Hand lotion are recommended.

No tests have been carried out.

**Skin protection**

Wear suitable protective clothing.

**Respiratory protection**

In case of inadequate ventilation wear 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.

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#### SECTION 9: Physical and chemical properties

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

Physical state:	liquid
Colour:	yellow
Odour:	characteristic

##### Test method

pH-Value:	not determined
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##### **Changes in the physical state**

Melting point:	not determined
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Initial boiling point and boiling range:	not determined
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Flash point:	46 °C
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Sustaining combustion:	Not sustaining combustion
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##### **Flammability**

Solid:	not determined
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Gas:	not determined
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##### **Explosive properties**

The product is not: Explosive.

Explosive dust-air mixtures may form.

Lower explosion limits:	3,5 vol. % Ethanol.
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Upper explosion limits:	15 vol. % Ethanol.
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##### **Auto-ignition temperature**

Solid:	not determined
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Gas:	not determined
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Decomposition temperature:	not determined
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##### **Oxidizing properties**

not determined

Vapour pressure:	not determined
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Vapour pressure:	not determined
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Density:	1,009 g/cm <sup>3</sup>
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Bulk density:	not applicable
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Water solubility:	miscible.
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##### **Solubility in other solvents**

not determined

Partition coefficient:	not determined
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Viscosity / dynamic:	not determined
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Viscosity / kinematic:	not determined
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Vapour density:	not determined
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Evaporation rate:	not determined
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Solvent content:	not determined
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##### 9.2. Other information

Solid content:	not determined
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Mixability: not determined

Fat solubility (g/l): not determined

Conductivity: not determined

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Surface tension: not determined

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

The product has not been tested.

**10.2. Chemical stability**

Stable with proper storage and handling.

**10.3. Possibility of hazardous reactions**

No dangerous reactions known.

**10.4. Conditions to avoid**

See also section 7.

Heat, open flames, ignition sources

**10.5. Incompatible materials**

Avoid contact with strong oxidants

**10.6. Hazardous decomposition products**

See also section 5.2.

No decomposition when used as directed.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Toxicokinetics, metabolism and distribution**

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 Vanillin. 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**

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#### 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

No data available

#### 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

#### Further information

Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Advice on disposal

Do not allow to enter into surface water or drains. 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

160508 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; discarded organic chemicals consisting of or containing hazardous substances; hazardous waste

##### 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

Wash with plenty of water. Completely emptied packages can be recycled. Dispose of waste according to applicable legislation.  
Dispose using dual system.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

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<b>14.1. UN number:</b>	not applicable
<b>14.2. UN proper shipping name:</b>	not applicable
<b>14.3. Transport hazard class(es):</b>	not applicable
<b>14.4. Packing group:</b>	not applicable

**Inland waterways transport (ADN)**

<b>14.1. UN number:</b>	not applicable
<b>14.2. UN proper shipping name:</b>	not applicable
<b>14.3. Transport hazard class(es):</b>	not applicable
<b>14.4. Packing group:</b>	not applicable

**Marine transport (IMDG)**

<b>14.1. UN number:</b>	not applicable
<b>14.2. UN proper shipping name:</b>	not applicable
<b>14.3. Transport hazard class(es):</b>	not applicable

**Air transport (ICAO-TI/IATA-DGR)**

<b>14.1. UN number:</b>	not applicable
<b>14.2. UN proper shipping name:</b>	not applicable
<b>14.3. Transport hazard class(es):</b>	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):	9,6 % (96,864 g/l)
2004/42/EC (VOC):	9,6 % (96,864 g/l)

**Additional information**

To follow: 850/2004/EC , 79/117/EEC , 689/2008/EC

**National regulatory information**

Employment restrictions:	Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).
Water contaminating class (D):	1 - slightly water contaminating
Skin resorption/Sensitization:	Causes allergic hypersensitivity reactions.

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

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

Revised sections: 1, 2, 7, 11, 16

**Abbreviations and acronyms**ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)



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IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized 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

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

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

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
EUH208	Contains Vanillin. 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.

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