

Safety Data Sheet

according to Regulation (EC) No 1907/2006

DESIFOR QUICK PLUS

Revision date: 22.02.2018

Product code: 70149_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**

Disinfectants
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**

Hazard categories:
Flammable liquid: Flam. Liq. 3
Hazard Statements:
Flammable liquid and vapour.

2.2. Label elements**Regulation (EC) No. 1272/2008****Signal word:** Warning**Pictograms:****Hazard statements**

H226 Flammable liquid and vapour.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P271 Use only outdoors or in a well-ventilated area.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501 Dispose of contents/container to according to local / regional / national / international regulations of recycling.

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2.3. Other hazards

The components in this formulation do not meet the criteria for classification as PBT or vPvB.
In use, may form flammable/explosive vapour-air mixture.

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, ethyl alcohol			40 - < 45 %
	200-578-6	603-002-00-5		
	Flam. Liq. 2; H225			

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

Further Information

Regulation (EC) No. 648/2004 (Detergents regulation)
> 30 % Disinfectants

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.

After contact with skin

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. 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 case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Do NOT induce vomiting.
Rinse mouth thoroughly with water.
Call a physician immediately.

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.

The following symptoms may occur:

Irritation of nose and throat mucosa

The product causes narcotic-like effects.

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

No special measures are necessary.

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

Water spray. / alcohol resistant foam. / Carbon dioxide (CO₂). / Extinguishing powder.

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Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Oxides of carbon

Pyrolysis products, toxic.

Flammable liquid and vapour (H226).

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

Flashback on remote ignition sources is possible when distributing near the ground/floor.

5.3. Advice for firefighters

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

Cool compromised containers with water.

Additional information

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**

Keep away from sources of ignition - No smoking.

Provide adequate ventilation.

Avoid contact with eyes and skin.

Avoid breathing dust/fume/gas/mist/vapours/spray.

If necessary Caution, slippery

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.

Leakage into waters, ground or the drainage system, the appropriate authorities must be informed.

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.

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

Keep container tightly closed.

Provide adequate ventilation.

Avoid contact with eyes and skin.

Keep away from sources of ignition - No smoking.

Do not use on hot surfaces.

When using do not eat, drink or smoke.

Observe instructions for use.

Notice the directions for use on the label.

Working methods should be applied according to operating instructions.

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and after work.

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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**

Store in a place accessible by authorized persons only.
To follow: Operating safety directive (BetRSichV).
Store product closed and only in original packing.
Not to be stored in gangways or stair wells.
Store in a well-ventilated place. Keep cool.

Advice on storage compatibility

Do not store together with: Oxidising agent

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
64-17-5	Ethanol	1000	1920		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

Recommended
Tightly sealed safety glasses. (EN 166)

Hand protection

Recommendation:
Protective gloves of nitrile (EN 374)
Minimum coating thickness in mm: 0,35 / Permeation time (penetration time) in minutes: >= 240
Protective gloves made of butyl (EN 374)
Minimum coating thickness in mm: 0,5 / Permeation time (penetration time) in minutes: > 480
Protective gloves made of fluorine rubber (EN 374)
Minimum coating thickness in mm: 0,4 / Permeation time (penetration time) in minutes: >= 480
Protective gloves of PVC (EN 374)
Minimum coating thickness in mm: 0,5 / Permeation time (penetration time) in minutes: >= 240

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.

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Skin protection

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

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

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:	colourless
Odour:	characteristic
pH-Value:	6-8

Changes in the physical state

Melting point:	<-10 °C
Initial boiling point and boiling range:	~85 °C
Flash point:	24 °C

Flammability

Solid:	not determined
Gas:	not determined

Explosive properties

not determined

Lower explosion limits:	3,4 vol. %
Upper explosion limits:	not determined
Ignition temperature:	>425 °C
Vapour pressure:	not determined
Vapour pressure:	not determined
Density (at 20 °C):	not determined
Bulk density:	not determined
Water solubility:	easily soluble.

Solubility in other solvents

not determined

Partition coefficient:	not determined
Viscosity / dynamic:	not determined
Viscosity / kinematic:	not determined
Vapour density:	not determined
Solvent content:	<50 %

9.2. Other information

Fat solubility (g/l): not determined

Conductivity: not determined

Surface tension: not determined

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

See also Subsection 10.4 to 10.6.

The product has not been tested.

10.2. Chemical stability

See also Subsection 10.4 to 10.6.

Stable with proper storage and handling.

10.3. Possibility of hazardous reactions

See also Subsection 10.4 to 10.6.

No decomposition when used as directed.

10.4. Conditions to avoid

See also section 7.

Heat, open flames, ignition sources

10.5. Incompatible materials

See also section 7.

Avoid contact with strong oxidants

10.6. Hazardous decomposition products

See also Subsection 10.4 to 10.6.

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, ethyl alcohol				
	oral	LD50 mg/kg	6200	Ratte	IUCLID
	inhalative (4 h) vapour	LC50	95,6 mg/l	Ratte	RTECS

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

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.

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SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
64-17-5	ethanol, ethyl alcohol					
	Acute crustacea toxicity	EC50 9268 - 14221 mg/l	48 h	Daphnia magna	IUCLID	

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, ethyl alcohol	-0,31

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

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors; hazardous waste

Contaminated packaging

Dispose of waste according to applicable legislation.

Completely empty containers

Non-contaminated packages may be recycled.

Residue may represent an explosion hazard.

Recommended cleaning agent: Water.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:	UN1987
14.2. UN proper shipping name:	ALCOHOLS, N.O.S. (ethanol, ethyl alcohol)
14.3. Transport hazard class(es):	3
14.4. Packing group:	III
Hazard label:	3

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Classification code:	F1
Special Provisions:	274 601
Limited quantity:	5 L
Excepted quantity:	E1
Transport category:	3
Hazard No:	30
Tunnel restriction code:	D/E

Inland waterways transport (ADN)

<u>14.1. UN number:</u>	UN1987
<u>14.2. UN proper shipping name:</u>	ALCOHOLS, N.O.S. (ethanol, ethyl alcohol)
<u>14.3. Transport hazard class(es):</u>	3
<u>14.4. Packing group:</u>	III
Hazard label:	3
Classification code:	F1
Special Provisions:	274 601
Limited quantity:	5 L
Excepted quantity:	E1

Marine transport (IMDG)

<u>14.1. UN number:</u>	UN1987
<u>14.2. UN proper shipping name:</u>	ALCOHOLS, N.O.S. (ethanol, ethyl alcohol)
<u>14.3. Transport hazard class(es):</u>	3
<u>14.4. Packing group:</u>	III
Hazard label:	3
Marine pollutant:	No
Special Provisions:	223, 274
Limited quantity:	5 L
Excepted quantity:	E1
EmS:	F-E, S-D

Air transport (ICAO-TI/IATA-DGR)

<u>14.1. UN number:</u>	UN1987
<u>14.2. UN proper shipping name:</u>	ALCOHOLS, N.O.S. (ethanol, ethyl alcohol)
<u>14.3. Transport hazard class(es):</u>	3
<u>14.4. Packing group:</u>	III
Hazard label:	3
Special Provisions:	A3 A180
Limited quantity Passenger:	10 L
Passenger LQ:	Y344
Excepted quantity:	E1
IATA-packing instructions - Passenger:	355
IATA-max. quantity - Passenger:	60 L
IATA-packing instructions - Cargo:	366
IATA-max. quantity - Cargo:	220 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS:	no
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14.6. Special precautions for user

Persons responsible for the transport of dangerous goods must be trained.
Security provisions must be observed by all persons involved.

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Precautions must be taken to avoid injury

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

Not applicable, as freight is carried as general cargo, not in bulk.

Minimum quantity regulations are not observed here.

Other applicable information

Hazard number and packing code are available on request.

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

2004/42/EC (VOC): 45%

Additional information

For classification and labelling, see section 2.

Further information

The identity of every active substance and its concentration in metric units:

Ethanol: 45 g / 100 g

Specific use(s): Disinfection

Authorizations: No data available

BAuA registration number (Germany): N-22859, N-22860

Number of Federal Approval (Switzerland): CHZN1998

To follow:

Observe trade association/occupational health regulations.

Observe Chemical Ordinance, ChemO

Observe Chemical Risk Reduction Ordinance, ORRChem

Observe Air Quality Control regulation

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

SECTION 16: Other information**Changes**

Revised sections: 1, 16

Technical Instructions on Air Quality (TA-Luft): Kl. III, 3.1.7 < 50 %

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.

H226 Flammable liquid and vapour.

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.)