

Safety Data Sheet

according to Regulation (EC) No 1907/2006

GASTROFEE

Revision date: 29.05.2017

Product code: 70364_CLP

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

1.1. Product identifier

GASTROFEE

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

Use of the substance/mixture

Cleaning agent, alkaline

Uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet

Company name:	DR.SCHNELL Chemie GmbH	
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:

Serious eye damage/eye irritation: Eye Irrit. 2

Hazard Statements:

Causes serious eye irritation.

2.2. Label elements

Regulation (EC) No. 1272/2008

Signal word: Warning

Pictograms:



Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.

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]			
5131-66-8	3-butoxypropan-2-ol			1 - < 5 %
	225-878-4			
	Skin Irrit. 2, Eye Irrit. 2; H315 H319			
85408-49-7	Lauryldimethylaminoxide solution			1 - < 5 %
	287-011-6			
	Skin Irrit. 2, Eye Dam. 1, Aquatic Acute 1 (M-Factor = 1); H315 H318 H400			
	Maleic acid , polymer with diisobutene, sodium salt			< 0.1 %
			02-2119630703-45	
	Eye Irrit. 2; H319			

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

Further Information

Regulation (EC) No. 648/2004 (Detergents regulation)
 <5 % amphoteric surfactants, nonionic surfactants, phosphonates
 perfumes

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, 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.
 Call a physician immediately. To be accompanied by MSDS.

After ingestion

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

No special measures are necessary.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray. / alcohol resistant foam.

Unsuitable extinguishing media

No information available.

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5.2. Special hazards arising from the substance or mixture

Hazardous combustion products
Flammable steam/air mixtures
Oxides of carbon
Sulfur oxides.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.
Acid-resistant protection clothing (EN 13034)
If necessary Full protective suit.

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.

6.2. Environmental precautions

Do not pour down the drain undiluted.
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

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.
Avoid contact with eyes and skin.
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.
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.

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Store product closed and only in original packing.
 Not to be stored in gangways or stair wells.
 Suitable floor material: solvent-resistant
 Protect from moisture.
 Keep in a cool place.

Further information on storage conditions

To follow: Operating safety directive (BetrSichV).

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****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

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

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

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

Test method

pH-Value:	10.5
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Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	not determined
Flash point:	> 90 °C
Sustaining combustion:	Not sustaining combustion

Flammability

Solid:	not determined
Gas:	not determined

Explosive properties

not determined

Lower explosion limits:	not determined
Upper explosion limits:	not determined
Ignition temperature:	not determined

Auto-ignition temperature

Solid:	not determined
Gas:	not determined

Oxidizing properties

not determined

Vapour pressure:	not determined
Vapour pressure:	not determined
Density:	1,001 g/cm ³
Bulk density:	not determined
Water solubility:	miscible.

Solubility in other solvents

not determined

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

9.2. Other information

Mixability: not determined
Fat solubility (g/l): not determined
Conductivity: not determined
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 10.1 to 10.6.

10.3. Possibility of hazardous reactions

See also Subsection 10.1 to 10.6.

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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

Contact with strong alkalis leads to strong exothermic reaction.

Avoid contact with other chemicals.

10.6. Hazardous decomposition products

See also Subsection 10.1 to 10.5.

See also section 5.2.

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
85408-49-7	Lauryldimethylaminoxide solution				
	oral	LD50 >2000 mg/kg	Rat		
	dermal	LD50 >2000 mg/kg	Rat		

Irritation and corrosivity

Causes serious eye irritation.

Skin corrosion/irritation: 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.

SECTION 12: Ecological information

12.1. Toxicity

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

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
85408-49-7	Lauryldimethylaminooxide solution					
	Acute fish toxicity	LC50 3,46 mg/l	2,67- 96 h			
	Acute algae toxicity	ErC50 mg/l	0,19 72 h			
	Acute crustacea toxicity	EC50 3,1 mg/l	48 h			

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 a detergent manufacturer.

12.3. Bioaccumulative potential

No data available

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

200130 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents other than those mentioned in 20 01 29

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

Non-contaminated packages must be recycled or disposed of.

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

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:

Not a hazardous material with respect to these transportation regulations.

14.2. UN proper shipping name:

Not a hazardous material with respect to these transportation regulations.

14.3. Transport hazard class(es):

Not a hazardous material with respect to these transportation regulations.

14.4. Packing group:

Not a hazardous material with respect to these transportation regulations.

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Inland waterways transport (ADN)

14.1. UN number:	Not a hazardous material with respect to these transportation regulations.
14.2. UN proper shipping name:	Not a hazardous material with respect to these transportation regulations.
14.3. Transport hazard class(es):	Not a hazardous material with respect to these transportation regulations.
14.4. Packing group:	Not a hazardous material with respect to these transportation regulations.

Marine transport (IMDG)

14.1. UN number:	Not a hazardous material with respect to these transportation regulations.
14.2. UN proper shipping name:	Not a hazardous material with respect to these transportation regulations.
14.3. Transport hazard class(es):	Not a hazardous material with respect to these transportation regulations.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number:	Not a hazardous material with respect to these transportation regulations.
14.2. UN proper shipping name:	Not a hazardous material with respect to these transportation regulations.
14.3. Transport hazard class(es):	Not a hazardous material with respect to these transportation regulations.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

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.
Precautions must be taken to avoid injury

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 applicable, as freight is carried as general cargo, not in bulk.
Minimum quantity regulations are not observed here.
Not a hazardous material with respect to these transportation regulations.

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

2010/75/EU (VOC): 3,7 %

Additional information

For classification and labelling, see section 2.
Observe trade association/occupational health regulations.

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): 2 - water contaminating

SECTION 16: Other information

Changes

Revised sections: 3, 12, 16

Abbreviations and acronyms

vPvB = very persistent very bioaccumulative
PBT = persistent bioaccumulative toxic

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Relevant H and EUH statements (number and full text)

H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.

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.)