

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

1.1. Product identifier

Name of product ABSORBER

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

Recommended intended purpose(s)

Binding agent for aqueous liquids

1.3. Details of the supplier of the safety data sheet

Manufacturer/distributor

TECHNIQUA HANDELS GmbH

Reichenhaller Straße 15

D-83451 Piding

Tel: +49 (8651) - 767 62 51

E-Mail: sales@techniqua.de

Vertrieb in Österreich

NOVIQUA AUSTRIA GmbH

A-4720 Kallham, Nr.7

Tel +43 7733 20090 | Fax +43 7733 20092

noviqua@tech-masters.eu

www.tech-masters.eu/at

Notrufnummer Österreich

01 406 43 43

1.4. Emergency telephone number

Poison information center

Emergency advice

Tel: +49 (0) 6131 - 19240,

Langenbeckstraße 1, D- 55131 Mainz

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Hazard classes and Hazard
categories

Hazard Statements Classification procedure

Aquatic Chronic 3

H412

Calculation method.

Hazard Statements

H412

Harmful to aquatic life with long lasting effects.

2.2. Label elements

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

Hazard Statements

H412

Harmful to aquatic life with long lasting effects.

Precautionary Statements

P102

Keep out of reach of children.

P273

Avoid release to the environment.

Special rules for supplemental label elements for certain mixtures

Contains Limonene. May produce an allergic reaction.

2.3. Other hazards

No information available.

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SECTION 3: Composition/ information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

Description

Mixture of substances specified as follows with harmless additions.

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/ GHS]
5989-27-5	227-813-5	d-limonene	< 0,2	Flam. Liq. 3, H226 / Skin Irrit. 2, H315 / Skin Sens. 1, H317 / Aquatic Acute 1, H400 / Aquatic Chronic 1, H410
85409-22-9	287-089-1	Quaternary Ammonium Compounds, Benzyl-C12-14-alkyldimethyl-, Chloride	< 1	Acute Tox. 4, H302 / Skin Corr. 1B, H314 / Aquatic Acute 1, H400 M=10 / Aquatic Chronic 1, H410 M=1

Additional advice

You find the full wording of the hazard statements mentioned here in section 16.

Labelling for contents according to regulation (EC) No 648/2004, annex VII

LIMONENE (CAS 5989-27-5)

LINALOOL (CAS 78-70-6)

less than 5 % cationic surfactants

30 % and more polycarboxylates

perfumes

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Take the usual precautions when handling with chemicals.

In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

In case of skin contact

In case of contact with skin wash off immediately with plenty of water.

In case of eye contact

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

In case of ingestion

Do not induce vomiting.

Refer to medical treatment.

Rinse out mouth thoroughly with water.

Give plenty of water to drink in small sips.

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

No information available.

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

No information available.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Fire-extinguishing activities according to surrounding.

5.2. Special hazards arising from the substance or mixture

Forms slippery surfaces with water.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Wear full protective clothing.

Additional information

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Avoid breathing dust.

Forms slippery surfaces with water.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Take up mechanically and send for disposal.

6.4. Reference to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid the formation of dust.

General protective measures

Do not inhale dust.

Hygiene measures

At work do not eat, drink and smoke.

Wash hands before breaks and after work.

Advice on protection against fire and explosion

The product is not combustible.

Pay attention to general rules of internal fire prevention.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store cool and dry.

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Further information on storage conditions

Keep container dry and tightly closed.

7.3. Specific end use(s)

Recommendation(s) for intended use

see section 1

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Respiratory protection

In case of dust formation wear micro dust mask.

Hand protection

Chemical-resistant gloves (EN 374).

Eye protection

safety goggles

Other protection measures

Take the usual precautions when handling with chemicals.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

powder

Colour

whitish

Odour

citrus-like

Odour threshold

not determined

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	not determined				
Boiling temperature / boiling range	not determined				
Melting point / Freezing point	not determined				
Flash point	not applicable				
Vapourisation rate	not determined				
Flammable (solid)	not determined				
Flammability (gas)	not determined				
Ignition temperature	not determined				
Self ignition temperature	not determined				

Safety Data Sheet according to Regulation (EC)
No. 1907/2006 (REACH)

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	Value	Temperature	at	Method	Remark
Lower explosion limit	not determined				
Upper explosion limit	not determined				
Vapour pressure	not determined				
Relative density	not determined				
Bulk density	ca. 0,5 - 0,8 g/cm ³				
Vapour density	not determined				
Solubility in water	not determined				
Solubility/other	not determined				
Partition coefficient n-octanol/water (log P O/W)	not determined				
Decomposition temperature	not determined				
Viscosity dynamic	not determined				
Oxidising properties	No information available.				
Explosive properties	No information available.				
9.2. Other information	No information available.				

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

Stabil unter normalen Bedingungen.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

Additional information

No thermal disintegration during determination appropriate application.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	344 mg/kg	rat		Based on Benzyl-C12-16-alkyldimethyl-, Chloride, CAS-Nr.:68424-84-1
LD50 acute dermal	3340 mg/kg	rabbit		Based on Benzyl-C12-16-alkyldimethyl-, Chloride, CAS-Nr.:68424-84-1
Skin irritation	non-irritant			Due to the calculation method (conventional method)
Eye irritation	non-irritant			Due to the calculation method (conventional method)

SECTION 12: Ecological information

12.1. Toxicity

No information available.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

General regulation

If used as prescribed, the product does not get into the sewage system and thus not into ecological cycles.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendations for the product

There are no harmonised regulations on the disposal of chemicals in the member states of the EU. In Germany the Recycling and Waste Management Act (KrWG) stipulates recycling as a requirement.

This means that a distinction must be made between "wastes for recycling" and "wastes for disposal". Particular aspects - in the main concerning delivery - are also governed by the Laender.

Do not discharge into the drains

Recommendations for packaging

Totally emptied packaging may be taken for recycling.

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General information

The waste key numbers are not only product but primarily application-oriented. The waste key number valid for the respective application can be taken from the European waste catalogue.

SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	-	-	-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	-	-

14.6. Special precautions for user

No information available.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No information available.

Transport/further information

No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.

SECTION 15: Regulatory information

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

Other regulations (EU)

Regulation (EC) No 648/2004 (Detergents regulation).

15.2. Chemical Safety Assessment

Chemical safety assessments for this mixture were not carried out.

SECTION 16: Other information

Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Sources of key data used

REACH-regulation (EC) No 1907/2006

The Presuppliers safetydatasheets.

CLP-Regulation (EC) Nr. 1272/2008

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.

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H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.