

EC safety data sheet

Trade name: Anti-Gilb

Status: 03.12.2008

Product no.: Y-006

Version: 2.0.0 / GB

Date of printing: 08.02.2010

1.) Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Trade name

Anti Gilb

Use of the substance/preparation

Cleaner

Company/undertaking identification

Address

Yachticon A. Nagel GmbH
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Emergency telephone

+49 (0)551 - 192 40 (Giftinformationszentrum Nord)

Advice on Safety Data Sheet

yachticon@yachticon.de

2.) Hazards identification

Classification

Xn; R21/22 Harmful in contact with skin and if swallowed.

Hazard symbols

Xn Harmful

R phrases

21/22 Harmful in contact with skin and if swallowed.

3.) Composition / information on ingredients

Chemical characterization

Mixture (preparation)

Hazardous ingredients

OXALIC ACID

EC no.	205-634-3	Index no.	607-006-00-8	CAS no.	144-62-7
Concentration	> 5	< 10	%-b.w.		
Classification	Xn; R21/22				
Hazard symbols	Xn	R phrases	21/22		

CITRIC ACID MONOHYDRATE

EC no.	201-069-1	Index no.	-	CAS no.	5949-29-1
Concentration	> 5	< 10	%-b.w.		
Classification	Xi; R36				
Hazard symbols	Xi	R phrases	36		

4.) First aid measures

General information

In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes

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immediately, and launder thoroughly before reusing.

After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

After skin contact

Wash off immediately with soap and water.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.).

After ingestion

Seek medical advice immediately. Never give anything by mouth to an unconscious person. If individual is drowsy or unconscious, place in recovery position (on left side, with head down).

5.) Fire-fighting measures

Suitable extinguishing media

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

None known

Special protective equipment for fire-fighters

Use self-contained breathing apparatus. Wear protective clothing.

6.) Accidental release measures

Personal precautions

Refer to protective measures listed in sections 7 and 8. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

Environmental precautions

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

Methods for cleaning up/taking up

Pick up with absorbent material (e.g., sand, sawdust, general-purpose binder). Send in suitable containers for recovery or disposal.

7.) Handling and storage

Handling

Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation, if necessary).

Advice on protection against fire and explosion

Keep away from sources of ignition - refrain from smoking.

Storage

Requirements for storage rooms and vessels

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

Advice on storage assembly

Do not store together with:
Oxidizing agents
Alcalies

Further information on storage conditions

Keep container tightly closed in a cool, well-ventilated place.

EC safety data sheet

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8.) Exposure controls / personal protection

Exposure limit values

OXALIC ACID

CAS no. 144-62-7
EC no. 205-634-3

Occupational Exposure Standards (OESs) / EH40

Oxalic acid

TWA 1 mg/m³
STEL 2 mg/m³

2006/15/EG

Oxalsäure

TWA 1 mg/m³

Personal protective equipment

Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn.

Hand protection

Protective gloves (EN 374)

Eye protection

Safety glasses (EN 166)

Skin protection

Clothing as usual in the chemical industry.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Wash hands before breaks and after work.

9.) Physical and chemical properties

General information

Form Gel
Colour transparent
Odour characteristic

Important health, safety and environmental information

Changes in physical state

Type Boiling point
Value appr. 100 °C

Flash point

Remarks not applicable

Density

Value 1,102 g/cm³
Reference temperature 20 °C

Viscosity

Value > 300 mPa*s

10.) Stability and reactivity

Materials to avoid

Oxidizing agents; Alcalis

EC safety data sheet

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Thermal decomposition

Remarks No decomposition if used as prescribed.

11.) Toxicological information

Acute toxicity

Acute oral toxicity

LD50 375 mg/kg

Species rat
Reference substance oxalic acid

Other information (chapter 11.)

Product specific toxicological data are not known.

12.) Ecological information

Other adverse effects

Do not discharge into the drains or waters and do not store on public depositories.

13.) Disposal considerations

Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of in agreement with the regional waste disposal company.

14.) Transport information

Other information (chapter 14.)

The product is not defined under national/international road, rail, sea and air transport regulations as a hazardous material.

15.) Regulatory information

Labelling in accordance with EC directives

The product is classified and labelled in accordance with EC Directive 1999/45/EC.

Hazard symbols

Xn Harmful

Hazardous component(s) to be indicated on label, contains:

OXALIC ACID

R phrases

21/22 Harmful in contact with skin and if swallowed.

S phrases

2 Keep out of the reach of children.
24/25 Avoid contact with skin and eyes.
46 If swallowed, seek medical advice immediately and show this container or label.

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Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances

Remarks

Annex I, part 1 + 2: not mentioned. With regard to possibly appropriate decomposition products see Chapter 10.

16.) Other information

Sources of key data used to compile the data sheet:

EC Directive 67/548/EC resp. 99/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC as amended in each case.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

Relevant R-phrases (chapter 3):

21/22 Harmful in contact with skin and if swallowed.

36 Irritating to eyes.

Department issuing safety data sheet

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This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.