

Trade name: hygienic3000

Date revised: 25.05.07

Dangerous substance number:

Version: 2 / WORLD

Date of printing: 04.06.07

01. Identification of the substance/preparation and company

Trade name

hygienic3000

Use

Disinfectants and general biocidal products; For industrial application only.

Identification of the manufacturer / supplier

Address

Hagleitner Hygiene International GmbH

Lunastrasse 5

AT5700 Zell am See

Telephone no. +43 6542 72896

Fax no. +43 6542 74422

Information provided Department product safety

by / telephone

Emergency Anti Poison Center Vienna: +43 (0) 1 / 406 43 430

telephone number

02. Composition / information on ingredients

Declaration according to EC No. 648/2004:

5% or over but less than 15%:

disinfectants

Hazardous ingredients

Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides

CAS no. 68391-01-5

EINECS no. 269-919-4

Concentration >= 1 < 10 %

Classification Xn, R22

C, R34

N, R50

Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides

CAS no. 85409-23-0

EINECS no. 287-090-7

Concentration >= 1 < 10 %

Classification Xn, R22

C, R34

N, R50

Didecyldimethylammonium chloride

CAS no. 7173-51-5

EINECS no. 230-525-2

Concentration >= 1 < 10 %

Classification Xn, R22

C, R34

Propan-2-ol

CAS no. 67-63-0

EINECS no. 200-661-7

Concentration >= 1 < 10 %

Classification Xi, R36

F, R11

R67

Trade name: hygienic3000

Date revised: 25.05.07

Dangerous substance number:

Version: 2 / WORLD

Date of printing: 04.06.07

03. Hazards possibilities

Hazard symbols

Xi Irritant

R phrases

36/38 Irritating to eyes and skin.

Specific hazards to man and the environment

No special hazards have to be mentioned.

04. First aid measures

General information

Remove contaminated, soaked clothing immediately and dispose of safely.

After inhalation

Ensure supply of fresh air. No special measures necessary.

After skin contact

In case of contact with skin wash off with warm water. No special measures necessary.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. In case of irritation consult an oculist.

After ingestion

Rinse mouth thoroughly with water. When swallowed seek medical aid immediately and show the physician the packaging or the label of the packaging.

05. Fire-fighting measures

Suitable extinguishing media

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

Non Suitable extinguishing media

Compatible with all usual extinguishing media.

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

None known

Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus.

06. Accidental release measures

Personal precautions

High risk of slipping due to leakage/spillage of product. Use personal protective clothing.

Environmental precautions

Do not discharge into the subsoil/soil. Do not discharge into surface waters/groundwater.

Methods for cleaning up/taking up

Take up with absorbent material (eg sand, kieselguhr, universal binder). Rinse away rest with plenty of water.

07. Handling and storage

Handling

Advice on safe handling

Keep container tightly closed. Observe the usual precautions for handling chemicals.

Trade name: hygienic3000

Date revised: 25.05.07

Dangerous substance number:

Version: 2 / WORLD

Date of printing: 04.06.07

Advice on protection against fire and explosion

The product is not combustible.

Storage**Requirements for storage rooms and vessels**

Keep only in the original container.

Recommended storage temperature

Value 10 30 °C

VCI storage category

VCI storage category 12 Non-combustible liquids

Storage stability

Storage life: 3 years

Certain use

For industrial application only.

08. Exposure controls / personal protection**General protective and hygiene measures**

Avoid prolonged and/or repeated contact with skin. Use barrier skin cream. Do not eat, drink or smoke during work time. Observe the usual precautions when handling chemicals.

Personal protective equipment**Respiratory protection**

Breathing apparatus in the event of aerosol or mist formation. Not necessary, but do not inhale vapours.

Hand protection

In case of intensive contact wear protective gloves.

Eye protection

Safety glasses

Skin protection

Clothing as usual in the chemical industry.

09. Physical and chemical properties**Appearance**

Form	liquid
Colour	colourless to slightly yellow
Odour	characteristic

Safety data**Flash point**

Value > 100 °C

Boiling point

Value appr. 100 °C

Freezing point

Value appr. 0,0 °C

Ignition temperature

Value > 400 °C

Fire promoting Properties

valuation None known

Vapour pressure

Trade name: hygienic3000

Date revised: 25.05.07

Dangerous substance number:

Version: 2 / WORLD

Date of printing: 04.06.07

Remarks not determined

Density

Value	0,991		g/cm ³
temperature	20	°C	

Viscosity**dynamic**

Value	appr. 10		mPa.s
temperature	20	°C	

Solubility in water

Remarks Completely miscible

pH

Value	appr. 6,0	to	8,0
Concentration/H ₂ O	100	%	
temperature	20	°C	

log Pow

Remarks not determined

Flammability :

Not ignitable

10. Stability and reactivity**Conditions to avoid**

Do not keep at temperatures above 30 °C.

Materials to avoid

No hazardous reactions when stored and handled according to prescribed instructions.

Hazardous decomposition products

No hazardous decomposition products known.

Thermal decomposition

Remarks

No decomposition if used as prescribed.

11. Toxicological information**Acute toxicity / further data****Acute oral toxicity**

Species	rat		
LD50	> 2500		mg/kg

Irritant/corrosive effects**Irritant effect on skin**

valuation irritant

Irritant effect on eyes

valuation irritant

Sensitization

valuation non-sensitizing

12. Ecological information**General information / ecology**

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the

Trade name: hygienic3000

Date revised: 25.05.07

Dangerous substance number:

Version: 2 / WORLD

Date of printing: 04.06.07

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.

13. Disposal considerations

Disposal recommendations for the product

EWC waste code 20 01 30 detergents other than those mentioned in 20 01 29

The listed waste code numbers, according to the European Waste Catalogue (EWC), are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Completely emptied packagings can be given for recycling.

14. Transport information

Land transport ADR/RID

non-dangerous goods

Marine transport IMDG/GGVSee

The product does not constitute a hazardous substance in sea transport.

Air transport ICAO/IATA

The product does not constitute a hazardous substance in air transport.

15. Regulatory information

Labelling in accordance with EC directives

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Hazard symbols

Xi Irritant

Hazardous component(s) to be indicated on label

R phrases

36/38 Irritating to eyes and skin.

S phrases

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 37/39 Wear suitable gloves and eye/face protection.
 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
 64 If swallowed, rinse mouth with water (only if the person is conscious).
 60 This material and its container must be disposed of as hazardous waste.

Special labelling for certain preparations

Use the disinfectant safely.
 Always read the product information and label before use.

VOC (CH)

VOC (CH)	0,0	%
VOC (EU)	0,0	%

Other regulations, restrictions and prohibition regulations

Phrase nicht verfügbar.

16. Other information

Other information

Alterations/supplements: Alterations to the previous edition are marked with an asterisk (*) in the left-hand margin.

Trade name: hygienic3000

Date revised: 25.05.07

Dangerous substance number:

Version: 2 / WORLD

Date of printing: 04.06.07

R-phrases of the ingredients listed in chapter 2

11	Highly flammable.
22	Harmful if swallowed.
34	Causes burns.
36	Irritating to eyes.
50	Very toxic to aquatic organisms.
67	Vapours may cause drowsiness and dizziness.

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.