

MSDS: according to EC directive 2001/58/EC and the REACH regulation 1907/2006 Annex II

HYDROGEN PEROXIDE 35%

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

1.1 Identification of the substance or preparation

Product code : 93340
CAS No. : 7722-84-1
EC no : 231-765-0
EC index no : 008-003-00-9
Molecular mass : 34,01
Formula : H₂O₂
Type of product : Solution, Group, Commercial product is usually stabilized

1.2 Use of the substance/preparation

No additional information available

1.3 Company/undertaking identification

Name : Breustedt Chemie B.V.
Street : Curaçao 3
City : 7332 BL Apeldoorn
Country : Nederland
Tel. : +31 (0)55 5332 844
E-mail : info@Breustedt.nl

1.4 Emergency telephone

Emergency number : Breustedt Chemie B.V. +31 (0)653244323
Official advisory body : National Poisons Information Service
+44 870 600 6266
worldwide:
<http://www.who.int/ipcs/poisons/centre/directory/en>

2. Hazards identification

The information in this section is applicable on all mentioned identified uses of this SDS.

2.1 Hazard designation:

Classified dangerous in accordance with Directives 67/548/EEC and 1999/45/EC

Hazard symbols :



Xn

Xn - Harmful

R-phrases : Harmful if swallowed., Irritating to respiratory system and skin., Risk of serious damage to eyes.

NFPA-code : 2-0-1-O



2.2 Environmental hazards

No additional information available

2.3 Additional information

No additional information available

3. Composition/information on ingredients

Name :
Hazard symbols : Xn
CAS No. : 7722-84-1
EC no : 231-765-0
EC index no : 008-003-00-9
R-phrases : R22, R37/38, R41

4. First aid measures

The information in this section is applicable on all mentioned identified uses of this SDS.

4.1 Effects - Symptoms

No additional information available

4.2 First aid measures

No additional information available

4.3 Medical advice

No additional information available

5. Fire fighting measures

The information in this section is applicable on all mentioned identified uses of this SDS.

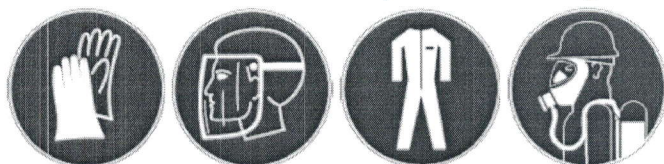
6. Accidental release measures

The information in this section is applicable on all mentioned identified uses of this SDS.

6.1 Personal precautions

Personal protection (Emergency response) :

Gloves - Face-shield - Protective clothing - Heat/fire exposure:
compressed air/oxygen apparatus - See "Material-Handling" to select
protective clothing



6.2 Environmental precautions

No additional information available

6.3 Disposal

No additional information available

6.4 Other information

No additional information available

7. Handling and storage

Handling and storage information is applicable on all mentioned identified uses of this SDS.

7.1 Handling

No additional information available

7.2 Storage

No additional information available

7.3 Special use(s) and requirements

No additional information available

Handling and storage information is applicable on all mentioned identified uses of this SDS.

Consistency of data in the SDS with CSR is considered, as far as the information is available at the time of compilation (cfr Revision date and Version number).

8. Exposure controls / Personal protection equipment

8.1 Exposure limit values

CAS No.	:	7722-84-1
Limit value name	:	Waterstofperoxide
Limit value (ppm)	:	1
Limit value (mg/m ³)	:	1.4
MAC name	:	Waterstofperoxide 90% (indicatief)
MAC (mg/m ³)	:	1.4

8.2 Exposure controls

Personal protective equipment :

Gloves

Face shield

Protective clothing

High gas/vapour concentration: gas mask with filter type B



8.3 Environmental exposure controls

No additional information available

8.4 Technical measures to prevent exposure

No additional information available

9. Physical and chemical properties

9.1 General information

Physical state : Liquid

9.2 Important health, safety and environmental information

Boiling point : °C

Density : kg/m³

pH : 4,3

pH solution : 50 %

Melting point : °C

Molecular mass : 34,01

Log Pow : -1,36

9.3 Other information

No additional information available

All properties are determined in accordance with the specifications laid down in the Commission Regulation on testing methods referred to in Article 13(3) or any other comparable method.

10. Stability and reactivity

The information in this section is applicable on all mentioned identified uses of this SDS.

10.1 Stability

No additional information available

10.2 Conditions to avoid

No additional information available

10.3 Materials to avoid

No additional information available

10.4 Hazardous decomposition products

No additional information available

11. Toxicological information

The information in this section is applicable on all mentioned identified uses of this SDS.

11.1 Toxicological information

LD50 dermal rabbit : > 2000 mg/kg

11.2 Effects - Symptoms

No additional information available

11.3 Additional toxicological information

Hazchemcode : 2P

IARC group : 3

12. Ecological information

The information in this section is applicable on all mentioned identified uses of this SDS.

12.1 Ecotoxicity

LC50/EC50

LC50 fishes 1 : 16,4 mg/l

LC50 fishes 2 : 37,4 mg/l

EC50 Daphnia 1 : 2,4 mg/l

EC50 Daphnia 2 : 7,7 mg/l

EC50 other aquatic organisms 1 : mg/l

EC50 other aquatic organisms 2 : 2,5 mg/l

12.2 Mobility

No additional information available

12.3 Persistence and Biodegradation

Log Pow : -1,36

WGK : 1

12.4 Bioaccumulative potential

No additional information available

12.5 Results of PBT assessment

No additional information available

12.6 Other information

No additional information available

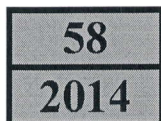
13. Disposal considerations

No additional information available

14. Transport information

14.1 Overland transport (ADR)

Class (ADR) : 5.1 - Oxidizing substances
Classification code : OC1
Packing group (ADR) : II
Hazard identification number (Kemler No.) : 58
UN-No. (ADR) : 2014
Transport document description (ADR) : UN 2014, 5.1 (8), II
Orange plates :

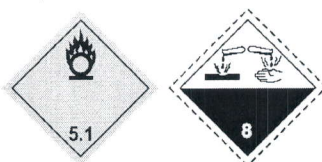


Hazard labels (ADR) : 5.1 - Oxidizer, 8 - Corrosive substances



14.2 Overland transport (RID)

Class (RID) : 5.1
Classification code (RID) : OC1
Packing group (RID) : II
UN-No. (RID) : 2014
Hazard labels (RID) : 5.1, 8



14.3 Inland waterway transport (ADN/ADNR)

Class (ADNR) : 5.1
Classification code (ADNR) : OC1
Packing group (ADNR) : II
UN-No. (ADNR) : 2014
Hazard labels (ADNR) : 5.1, 8



Transport regulations (ADNR) : T

14.4 Transport by sea (IMDG)

Class (IMDG) : 5.1
UN-No. (IMDG) : 2014
Subsidiary risks (IMDG) : 8
EmS-No. (1) : F-H
EmS-No. (2) : S-Q

14.5 Air transport (ICAO-TI / IATA-DGR)

Class (ICAO) : 5.1
UN-No. (ICAO) : 2014
Subsidiary risks (ICAO) : 8

15. Regulatory information

15.1 Hazardous component(s) for labelling

No additional information available

Information about Chemical Safety Assessment is public domain

15.2 Labelling

Hazard symbols :



Xn

Xn - Harmful

R-phrases : R22 - Harmful if swallowed.
R37/38 - Irritating to respiratory system and skin.
R41 - Risk of serious damage to eyes.

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S-phrases : (S2) - (Keep out of reach of children)
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39 - Wear suitable protective clothing, gloves and eye/face

protection.
(S46) - (If swallowed, seek medical advice immediately and show this container or label)
S50 - Do not mix with other products

Note : B
EC index no : 008-003-00-9
EC no : 231-765-0

15.3 Other regulations

Classified dangerous in accordance with Directives 67/548/EEC and 1999/45/EC

SDS changed items :

16. Other information

Version : 1.1

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REACH Disclaimer:

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.