

Material Safety Data Sheet

according to Regulation (EC) No. 1907/2006



Product name : SCHWEGO® KORR 8220
Revision : 23.03.2010 **Version :** 1.0.0
Print date : 29.03.2010

01. Identification of the substance/mixture and of the company/undertaking

Product name

SCHWEGO® KORR 8220 (8220)

Use of the substance / mixture

Printing chemical for industrial and/or professional use

Manufacturer/Supplier

Bernd Schwegmann GmbH & Co. KG

Street/P.O.Box

Wernher-von-Braun-Str. 14

Country code/Postal code/Town/City

D-53501 Grafschaft-Gelsdorf

Telephone / Telefax

+49 22 25 / 92 26-0 / +49 22 25 / 92 26-48

Contact person Material Safety Data Sheet

E-Mail: MSDS@SchwegmannNet.de

Emergency information

+49 61 31 / 19 24 0 (Universitätsklinikum Mainz)

02. Hazards identification

Classification

Harmful if swallowed. · Irritating to eyes.

Classification : Xn ; R 22 · Xi ; R 36

03. Composition/information on ingredients

Chemical characterization

Solution of aliphatic and acyclic components with a tickenerweakly acidic

Hazardous components

GAMMA-BUTYROLACTON ; EC-No. : 202-509-5; CAS-No. : 96-48-0

Percentage : 50 - 65 %

Classification : Xn ; R 22 Xi ; R 36

2,2'-IMINODIETHANOL ; EC-No. : 203-868-0; CAS-No. : 111-42-2

Percentage : 5 - 15 %

Classification : Xn ; R 48/22 Xi ; R 41 Xn ; R 22 Xi ; R 38

FLUOROBORIC ACID ; EC-No. : 240-898-3; CAS-No. : 16872-11-0

Percentage : 1 - 5 %

Classification : C ; R 34

For the wording of the listed risk phrases refer to section 16.

04. First-aid measures

General

In all cases of doubt, or when symptoms persist, seek medical attention.

Immediately remove all contaminated clothing.

After inhalation

Let in fresh air.

In case of indisposition get medical attention

After skin contact

Wash away with soap and water and rinse.

After eye contact

Flush with plenty of water (10 - 15 min.). Call a physician.

After ingestion

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Do not induce vomiting. Drink water (< 0,2 L). Contact a doctor immediately.

Notes to a physician

Treatment: Treat symptoms (decontamination, vital function), no known specific antidote.

05. Fire-fighting measures

Suitable extinguishing media

Foam, CO₂, powder extinguisher, water haze, water spray jet.

Unsuitable extinguishing media

Waterjet.

Special risk posed by the substance or by the actual mixture, its combustion products or gases discharged

Carbon monoxide.

Special protective equipment

When extinguishing fires, use breathing apparatus with an independent source of air.

06. Accidental release measures

Personal precautions

Refer to protective measures listed in sections 7 and 8.

Environmental precautions

Do not allow discharge into bodies of water, the soil or the sewage system.

Methods for cleaning up/collecting

Remove mechanically, take-up residues with absorbing material. Remove according to regulations.

07. Handling and storage

Information for safe handling

Normal precautions taken when handling chemicals should be observed.
Avoid contact with skin and eyes.

Information about protection against explosions and fires

Keep container tightly closed

Information about separation of incompatible products

Keep away from strong oxidising agents.

Further information about storage conditions

Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight.

Storage class : 12

Specific uses

Correcting fluid
For further information refer to our technical data sheet.

08. Exposure controls/personal protection

Additional information about engineering measures

Make sure that ventilation is adequate. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Components with critical values that require monitoring at the workplace (exposure limits)

FLUOROBORIC ACID ; CAS-No. : 16872-11-0

Specification : TRGS 900 - maximum limit in the atmosphere at the workplace (D)
Parameter : measured as the inhaleable fraction
Value : 1 mg/m³
Category : 4(II)
Remarks : DFG, Y, H

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Version date : 27.12.2007

References to the thresholds

Recommended analysis methods for workplace readings: See the series of publications by the German Federal Institute for Occupational Safety and Medicine (Bundesanstalt für Arbeitsschutz und Arbeitsmedizin - BAuA)¹

Personal protective equipment

Respiratory protection

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn. Filter: Filter model AX.

Hand protection

Solvent-resistant protective gloves according EN 420 and EN 374 part 1 - 3 must be worn. Gloves, for example butyl rubber, Thick (mm): 0,7
Penetration time (s): > 14400 (LEVEL 5)

Eye protection

Use safety goggles with side protection, which comply with EN 166:2001.

Environmental precautions

Refer to protective measures listed in section 6.

09. Physical and chemical properties

Image

Form : Pasty.
Colour : Red.
Odour : Characteristic.

Relevant safety data

Melting point / range :		30 - 60	°C	literature
Boiling point / range :	(1013 hPa)	100 - 206	°C	literature
Flash point :	>	100	°C	ISO 1523
Ignition temperature :		not applicable		DIN 51794
Lower explosion limit :		2,7	% b.v.	literature
Upper explosion limit :		15,6	% b.v.	literature
Vapour pressure :	(50 °C)	<	0,1	bar (calculated)
Vapour pressure:	(20 °C)	<	50	mbar (calculated)
Density :	(20 °C)	ca.	1,1	g/cm ³ DIN EN ISO 2811-1
Solubility in water :	(20 °C)		soluble	
Content VOC (EU):		68	%	(calculated)

Additional information

The designation of explosive limits refers to the flammable mixture constituents and not to the overall product.
Additional physico-chemical data is unavailable.

10. Stability and reactivity

Conditions to avoid

None, if handled according to order.

Materials to avoid

None, if handled according to order.

Hazardous decomposition products

Carbon dioxide. Carbon monoxide.

11. Toxicological information

Toxicological tests

Acute toxicity, skin irritation, mucous membrane irritation, genetic altering potential and skin sensitivity will be assessed by the manufacturer based on the available component data.

Experience on practice

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Eye contact: irritation.
Skin contact: frequent and prolonged skin contact may cause irritation and skin inflammation.

Additional toxicological information

The product was classified in toxicological terms on the basis of the results of the calculation procedure outlined within General Directive on Preparations (1999/45/EC).

12. Ecological information

Ecotoxicological effects

No data available.

Results of PBT assessment

There are no data available on the preparation / mixture itself.

13. Disposal considerations

Substance / mixture

In accordance with local official regulations. Remove in accordance with regulations.

Recommendation

Precise waste material code to be agreed upon with waste disposer

Waste key

EC-Waste Code: 16 03 05

Contaminated packaging

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant.

14. Transport information

Land transport ADR/RID

Classification

Class : -

Maritime transport IMDG/GGVSea

Classification

Class: -

Air transport ICAO-TI and IATA-DGR

Classification

Class : -

Additional transport information

The product does not constitute a hazardous substance in national / in-ternational road, rail, sea and air transport.

15. Regulatory information

A chemical safety assessment has not been carried out for this product (mixture).

Classification according to EC directives

Danger symbol and danger designation



Xn ; Harmful

Hazard-determining components of labelling

GAMMA-BUTYROLACTON ; CAS-No. : 96-48-0

R-phrases

22 Harmful if swallowed.

36 Irritating to eyes.

S-phrases

51 Use only in well-ventilated areas.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

National regulatory information

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Water pollution classification

Class : 1 according VwVwS

16. Other information

For further information refer to our technical data sheet. Literature:

¹ <http://www.baua.de>

The details in this material safety data sheet satisfy national and EC legislation.

Restrictions on use recommended by the manufacturer

None known.

Further information

Relevant changes

03. Hazardous components · 08. Exposure controls/personal protection · 09. Relevant safety data · 12. Ecological information · 15. Regulatory information

R-Phrases of components

The details refer to the separate ingredients, not to the product.

22	Harmful if swallowed.
34	Causes burns.
36	Irritating to eyes.
38	Irritating to skin.
41	Risk of serious damage to eyes.
48/22	Harmful: danger of serious damage to health by prolonged exposure if swallowed.

Contact

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These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
