

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 07.11.2024

Version number 112.10 (replaces version 112.09)

Revision: 07.11.2024

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

1.1 Product identifier

Trade name Broxo-Salz**Article number:** 1000323541002**CAS Number:**

7647-14-5

EC number:

231-598-3

REACH-Registration number 01-2119485491-33

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

The substance is not classified as hazardous and/or is not subject to the obligation to prepare a chemical safety report under REACH, therefore no exposure scenarios are required for this safety data sheet.

Application of the substance / the mixture

Basic chemical (without special defined application)
regeneration salt

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

STOCKMEIER Chemie GmbH & Co.KG, Am Stadtholz 37, DE - 33609 Bielefeld

Tel.: +49 521 / 30 37-0, ehs-bielefeld@stockmeier.de

STOCKMEIER Fluids GmbH & Co. KG, Sanssouci 12, DE – 58802 Balve

Tel.: +49 2375 917 310, fluids@stockmeier.com

BASSERMANN Minerals GmbH & Co. KG, Rudolf-Diesel-Straße 42, DE – 68169 Mannheim

Tel.: +49 621 15 01 0, verkauf@bassermann.de

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STOCKMEIER QUIMICA, S.L.U., Avda. del Baix Llobregat, 3- 5, ES – 08970 Sant Joan Despí (Barcelona)

Tel.: +34 93 506 91 83, tecnico-calidad@stockmeier.es

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Tel.: +31 180 41 5988, info@stockmeier.nl

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HDS – Chemie Handels GES.M.B.H., Bauernmarkt 24, AT - 1010 Wien

Tel.: +43 15 32 0 999, office@hds-chemie.atwww.stockmeier.com

Informing department:

Product safety department. Tel.: 0049 / 521 / 3037-381

E-mail: ehs-bielefeld@stockmeier.de

(Contd. on page 2)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 07.11.2024

Version number 112.10 (replaces version 112.09)

Revision: 07.11.2024

Trade name Broxo-Salz

(Contd. of page 1)

1.4 Emergency telephone number:

This is an English-language document designed for the European region. For the emergency number and other country-specific data, please refer to the specific national versions of this safety data sheet.

Counselling Centre for Poisoning, Mainz

Tel. (+49) 61 31 / 19 240.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture**Classification according to Regulation (EC) No 1272/2008**

The substance is not classified, according to the CLP regulation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

Additional information:

According to the current state of knowledge, no synthetic polymer microparticles > 0.01% are contained.

2.3 Other hazards**Results of PBT and vPvB assessment**

PBT: Not applicable.

vPvB: Not applicable.

Determination of endocrine-disrupting properties Not applicable.

SECTION 3: Composition/information on ingredients

3.1 Substances**CAS No. Designation:**

7647-14-5 sodium chloride

Identification no(s):

EC number: 231-598-3

SVHC

This preparation does not contain any substances of very high concern (SVHC) in a concentration of ≥ 0.1 % according to Regulation (EC) 1907/2006, Article 57.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice: No special measures required.

After inhalation Supply fresh air; consult doctor in case of symptoms.

After skin contact In general, the product is not irritating to the skin. Wash with soap and water.

After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

After swallowing

Rinse out mouth and then drink plenty of water.

In case of persistent symptoms consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

(Contd. on page 3)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 07.11.2024

Version number 112.10 (replaces version 112.09)

Revision: 07.11.2024

Trade name Broxo-Salz

(Contd. of page 2)

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing agents**

Product is non-flammable. Use fire fighting measure that suit the surroundings.

5.2 Special hazards arising from the substance or mixture No further relevant information available.**5.3 Advice for firefighters****Protective equipment:** Adapt protective equipment to the surrounding fire.**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures** Not required.**6.2 Environmental precautions:** No special measures required.**6.3 Methods and material for containment and cleaning up:**

Take up mechanically and rinse off residues with water. Avoid formation of dust. Take up in suitable containers and send for recovery or disposal according to item 13.

6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

SECTION 7: Handling and storage**7.1 Precautions for safe handling** No special measures required.**Information about protection against explosions and fires:** No special measures required.**7.2 Conditions for safe storage, including any incompatibilities****Storage****Requirements to be met by storerooms and containers:** No special requirements.**Information about storage in one common storage facility:** Not required.**Further information about storage conditions:** Store under dry conditions.**Storage class** 13 (TRGS 510)**7.3 Specific end use(s)** No further relevant information available.**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Components with critical values that require monitoring at the workplace:** Not required.**Additional information:** The lists that were valid during the compilation were used as basis.**8.2 Exposure controls****Appropriate engineering controls** Extraction required in case of dust formation.**Individual protection measures, such as personal protective equipment****General protective and hygienic measures**

The usual precautionary measures should be adhered to in handling the chemicals.

Do not inhale dust. Prevent formation of dust.

Breathing equipment: Breathing protection to be used where a build-up of dust occurs.**Recommended filter device for short term use:** Filter P2

(Contd. on page 4)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 07.11.2024

Version number 112.10 (replaces version 112.09)

Revision: 07.11.2024

Trade name Broxo-Salz

(Contd. of page 3)

Hand protection

Not required.

In the event of prolonged skin contact, protective gloves or skin protection cream are recommended.

Eye/face protection Safety glasses recommended during refilling.**Body protection:** Standard protective work clothing.

* SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties**General Information****Physical state**

Solid.

Colour:

White

Smell:

Odourless

Odour threshold:

Not determined.

Melting point/freezing point:

801 °C

Boiling point or initial boiling point and boiling range

1461 °C

Flammability

Product is not inflammable.

Lower and upper explosion limit**Lower:**

Not determined.

Upper:

Not determined.

Flash point:

Product is non-flammable nor potentially explosive

Decomposition temperature:

Not determined.

pH

6-9

pH-value:**Viscosity:****Kinematic viscosity**

Not applicable.

dynamic:

Not applicable.

Solubility**Water at 20 °C:**

358 g/l

Partition coefficient n-octanol/water (log value)

Not determined.

Vapour pressure at 865 °C:

1,3 hPa

Density and/or relative density**Density at 20 °C**2,16 g/cm³**Relative density**

Not determined.

Settled apparent density800-1600 kg/m³**Vapour density**

Not applicable.

Particle characteristics

See section 3.

9.2 Other informationLöslichkeit in anderen Lösungsmitteln: Glycerin
Molmasse: 58,44 g/mol**Appearance:****Form:**

Solid.

Important information on protection of health and environment, and on safety.**Self-inflammability:**

Not determined.

Explosive properties:

Product is not potentially explosive

Molecular weight

58,44 g/mol

Evaporation rate

Not applicable.

(Contd. on page 5)

EUE

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 07.11.2024

Version number 112.10 (replaces version 112.09)

Revision: 07.11.2024

Trade name Broxo-Salz

(Contd. of page 4)

Information with regard to physical hazard classes

Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known

* SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values that are relevant for classification:

Oral	LD50	3000 mg/kg (rat)
Dermal	LD50	>10000 mg/kg (rabbit) (RTECS)

Primary irritant effect:

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Slightly irritant, but not an irritant according to EU directives.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

(Contd. on page 6)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 07.11.2024

Version number 112.10 (replaces version 112.09)

Revision: 07.11.2024

Trade name Broxo-Salz

(Contd. of page 5)

Aspiration hazard Based on available data, the classification criteria are not met.**Other information (about experimental toxicology):**

Main hazard due to the irritating effect of the product. Risk of effects on the kidneys. Inhalation of dust in high concentrations can cause ulceration and perforation of the nasal septum.

Subacute to chronic toxicity:

Oral administration, after prolonged administration of high doses, target organ: kidneys, gastrointestinal system.

High dose: parenteral administration, teratogenic and foetotoxic effect.

11.2 Information on other hazards**Endocrine disrupting properties** Substance is not listed.

* SECTION 12: Ecological information

12.1 Toxicity**Aquatic toxicity:**

LC 50 / 96 h	7650 mg/l (fish) (IUCLID)
LC 50	>10000 mg/l (fish)
LC 50 / 24 h	>3000 mg/l (Daphnia)
EC 50 / 48 h	1000 mg/l (Daphnia) (IUCLID)
EC 50 / 72 h	4967 mg/l (Algae)
EC 50	4800 mg/l (Algae)

12.2 Persistence and degradability No further relevant information available.**Other information:** Does not cause biological oxygen depletion**12.3 Bioaccumulative potential** Possibility of chloride accumulation in soil and plants.**12.4 Mobility in soil** No further relevant information available.**12.5 Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects**Respiratory inhibition of communal activated sludge EC 20 (mg/l according to ISO 8192 B):**

EC 50	4800 mg/l (Algae)
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Additional ecological information:**General notes:** Water hazard class 1 (Assessment by list): slightly hazardous for water.

* SECTION 13: Disposal considerations

13.1 Waste treatment methods

The note below refers to the product left as it is and not to further processed products. When mixed with other products, other disposal routes may be required; if in doubt, consult the supplier of the product or the local authority.

Recommendation

Disposal in accordance with official regulations.

Smaller quantities can be disposed with household garbage.

Waste disposal key number:

Since 1 January 1999, the waste code numbers have not only been product-related but essentially application-related. The waste code number valid for the application can be taken from the European Waste Catalogue.

(Contd. on page 7)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 07.11.2024

Version number 112.10 (replaces version 112.09)

Revision: 07.11.2024

Trade name Broxo-Salz

(Contd. of page 6)

Uncleaned packagings:**Recommendation:**

Empty containers completely and send them cleaned for reconditioning or recycling. Dispose of containers only in consultation with local authorities.

SECTION 14: Transport information

14.1 UN number or ID number ADR/RID, IMDG, IATA	Void
14.2 UN proper shipping name ADR/RID, IMDG, IATA	Void
14.3 Transport hazard class(es) ADR/RID, IMDG, IATA Class	Void
14.4 Packing group ADR/RID, IMDG, IATA	Void
14.6 Special precautions for user	Not applicable.
14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
Transport/Additional information:	Not dangerous according to the above specifications.
UN "Model Regulation":	Void

SECTION 15: Regulatory information

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

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

Directive 2012/18/EU**Named dangerous substances - ANNEX I** Substance is not listed.**LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV)** Substance is not listed.**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

Substance is not listed.

REGULATION (EU) 2019/1148**Regulation (EC) No 273/2004 on drug precursors** Substance is not listed.**Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

Substance is not listed.

National regulations**Other regulations, limitations and prohibitive regulations****Substances of very high concern (SVHC) according to REACH, Article 57** Substance is not listed.

(Contd. on page 8)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

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Version number 112.10 (replaces version 112.09)

Revision: 07.11.2024

Trade name Broxo-Salz

(Contd. of page 7)

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

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.

This safety data sheet complies with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

Department issuing data specification sheet: See section 1.3: Responding area

Version number of previous version: 112.09

Abbreviations and acronyms:

RPE: Respiratory Protective Equipment

RCR: Risk Characterisation Ratio (RCR= PEC/PNEC)

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

TRGS: Technische Regeln für Gefahrstoffe (Technical Rules for Dangerous Substances, BAuA, Germany)

ISO: International Organisation for Standardisation

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

SVHC: Substance of Very High Concern

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

*** Data compared to the previous version altered.**