

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Breeze Neutro

Revision date: 04.01.2017

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

1.1. Product identifier

Breeze Neutro

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

Use of the substance/mixture

Ready-to-use air deodorizer

Process categories [PROC]: 11

1.3. Details of the supplier of the safety data sheet

Company name: TECHNIQUA Handels GmbH

Street: Reichenhallerstr. 15

Place: D-83451 Piding

Telephone: +49 (0)8651 / 7676251

e-mail: sales@techniqua.de

Internet: www.techniqua.de

1.4. Emergency telephone number:

Poison information center

Tel: +49 (0) 6131 - 19240, Langenbeckstraße 1, D- 55131 Mainz

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:

Serious eye damage/eye irritation: Eye Irrit. 2

Hazard Statements:

Causes serious eye irritation.

The product does not support combustion. It therefore needs not to be classified as flammable despite a flash point below 60 °C.

2.2. Label elements

Regulation (EC) No. 1272/2008

Signal word: Warning

Pictograms:



Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

The inhalation of dust/mist or aerosols causes irritation of the respiratory tract.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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Hazardous components

| CAS No | Chemical name | | | Quantity |
|------------|--|--------------|------------------|-------------|
| | EC No | Index No | REACH No | |
| | Classification according to Regulation (EC) No. 1272/2008 [CLP] | | | |
| 64-17-5 | ethanol | | | 15 - < 20 % |
| | 200-578-6 | 603-002-00-5 | 01-2119457610-43 | |
| | Flam. Liq. 2, Eye Irrit. 2; H225 H319 | | | |
| 1569-02-4 | 1-ethoxy-2-propanol, 1-ethoxypropan-2-ol, 2PG1EE, propylene glycol monoethyl ether | | | 1 - < 5 % |
| | 216-374-5 | 603-177-00-8 | 01-2119462792-32 | |
| | Flam. Liq. 3, STOT SE 3; H226 H336 | | | |
| 69011-36-5 | fatty alcohol polyethoxylate | | | 1 - < 5 % |
| | | | | |
| | Acute Tox. 4, Eye Dam. 1; H302 H318 | | | |

Full text of H and EUH statements: see section 16.

Labelling for contents according to Regulation (EC) No 648/2004

< 5 % non-ionic surfactants, perfumes (Hydroxycitronellal).

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

Take off contaminated clothing and wash it before reuse.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Rinse mouth immediately and drink plenty of water.

Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray jet

alcohol resistant foam

Carbon dioxide

Extinguishing powder

Unsuitable extinguishing media

High power water jet

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products:

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Carbon dioxide
Carbon monoxide

5.3. Advice for firefighters

Co-ordinate fire-fighting measures to the fire surroundings.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protection equipment.
Avoid contact with skin, eyes and clothes.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.
Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid contact with skin, eyes and clothes.
Do not mix with other chemicals.
Wear personal protection equipment (refer to section 8).
When using do not eat, drink or smoke.
Do not breathe gas/fumes/vapour/spray.
Use only in well-ventilated areas.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

Advice on storage compatibility

No special measures are necessary.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

| CAS No | Substance | ppm | mg/m ³ | fibres/ml | Category | Origin |
|---------|-----------|------|-------------------|-----------|---------------|--------|
| 64-17-5 | Ethanol | 1000 | 1920 | | TWA (8 h) | WEL |
| | | - | - | | STEL (15 min) | WEL |

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8.2. Exposure controls

Protective and hygiene measures

- Take off contaminated clothing.
- Wash hands before breaks and after work.
- When using do not eat, drink or smoke.

Eye/face protection

Wear eye/face protection. (EN 166)

Hand protection

- When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.
- Suitable material: NBR (Nitrile rubber).
- Breakthrough time (maximum wearing time) >480 min.
- A survey of suitable brands with detailed information on breakthrough times is available upon request.

Skin protection

Wear suitable work clothing.

Respiratory protection

If extensively sprayed or used with high pressure equipment: combination filter A1/P2 (EN 143, EN 14387).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: liquid
Colour:
Odour: Perfumes, fragrances

Test method

pH-Value (at 20 °C): 7,5 - 8,5

Changes in the physical state

Melting point: -5 °C
Initial boiling point and boiling range: >90 °C
Flash point: 39 °C

Flammability

Solid: not applicable
Gas: not applicable

Lower explosion limits: not determined
Upper explosion limits: not determined

Auto-ignition temperature

Solid: not applicable
Gas: not applicable

Decomposition temperature: not determined

Oxidizing properties

Not oxidizing.

Vapour pressure: not determined

Density (at 25 °C): 0,98 g/cm³

Water solubility: miscible

Solubility in other solvents

not determined

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Partition coefficient: not determined
Viscosity / dynamic:
(at 25 °C) <10 mPa·s
Vapour density: not determined
Evaporation rate: not determined

9.2. Other information

Solid content: not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

The product is stable under storage at normal ambient temperatures.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

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

| CAS No | Chemical name | | | |
|------------|--|---------------------|---------|--------|
| | Exposure route | Dose | Species | Source |
| 64-17-5 | ethanol | | | |
| | oral | LD50 >2000 mg/kg | Rat | ATE |
| | dermal | LD50 >2000 mg/kg | Rat | ATE |
| | inhalative vapour | LC50 >20 mg/l | Rat | ATE |
| 1569-02-4 | 1-ethoxy-2-propanol, 1-ethoxypropan-2-ol, 2PG1EE, propylene glycol monoethyl ether | | | |
| | oral | LD50 >5000 mg/kg | Rat | |
| | dermal | LD50 8100 mg/kg | Rabbit | |
| | inhalative (4 h) vapour | LC50 >10000 mg/l | Rat | |
| 69011-36-5 | fatty alcohol polyethoxylate | | | |
| | oral | LD50 500-2000 mg/kg | Rat | |
| | dermal | LD50 >2000 mg/kg | Rat | ATE |
| | inhalative aerosol | LC50 >5 mg/l | Rat | ATE |

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Irritation and corrosivity

Causes serious eye irritation.

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

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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.

Aspiration hazard

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

SECTION 12: Ecological information

12.1. Toxicity

| CAS No | Chemical name | | | | |
|------------|--|-----------------|-----------|-------------------------------------|----------|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source |
| 64-17-5 | ethanol | | | | |
| | Acute fish toxicity | LC50 >1000 mg/l | 96 h | | |
| | Acute algae toxicity | ErC50 >100 mg/l | | | |
| | Acute crustacea toxicity | EC50 >1000 mg/l | 48 h | | |
| 1569-02-4 | 1-ethoxy-2-propanol, 1-ethoxypropan-2-ol, 2PG1EE, propylene glycol monoethyl ether | | | | |
| | Acute crustacea toxicity | EC50 5,465 mg/l | 48 h | Daphnia magna (Big water flea) | |
| 69011-36-5 | fatty alcohol polyethoxylate | | | | |
| | Acute fish toxicity | LC50 1,3 mg/l | 96 h | Oncorhynchus mykiss (Rainbow trout) | OECD 203 |
| | Acute crustacea toxicity | EC50 0,7 mg/l | 48 h | Daphnia magna (Big water flea) | |

12.2. Persistence and degradability

The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

| CAS No | Chemical name | | | |
|------------|--|-------|----|--------|
| | Method | Value | d | Source |
| | Evaluation | | | |
| 64-17-5 | ethanol | | | |
| | OECD 301 | >60% | 28 | |
| | Readily biodegradable (according to OECD criteria). | | | |
| 1569-02-4 | 1-ethoxy-2-propanol, 1-ethoxypropan-2-ol, 2PG1EE, propylene glycol monoethyl ether | | | |
| | OECD 301 | >70 | 28 | |
| | Readily biodegradable (according to OECD criteria). | | | |
| 69011-36-5 | fatty alcohol polyethoxylate | | | |
| | OECD 301D/ EEC 92/69/V, C.4-E | 85,6% | 28 | |
| | Readily biodegradable (according to OECD criteria). | | | |

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

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Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|-----------|--|---------|
| 1569-02-4 | 1-ethoxy-2-propanol, 1-ethoxypropan-2-ol, 2PG1EE, propylene glycol monoethyl ether | <1 |

BCF

| CAS No | Chemical name | BCF | Species | Source |
|-----------|--|------|---------|--------|
| 1569-02-4 | 1-ethoxy-2-propanol, 1-ethoxypropan-2-ol, 2PG1EE, propylene glycol monoethyl ether | 3,16 | | |

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Dispose of waste according to applicable legislation.

Delivery to an approved waste disposal company.

Waste disposal number of waste from residues/unused products

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors
Classified as hazardous waste.

Waste disposal number of contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Non-contaminated packages may be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: No dangerous good in sense of these transport regulations.

Inland waterways transport (ADN)

14.1. UN number: No dangerous good in sense of these transport regulations.

Marine transport (IMDG)

14.1. UN number: No dangerous good in sense of these transport regulations.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: No dangerous good in sense of these transport regulations.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

SECTION 15: Regulatory information

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

EU regulatory information

2010/75/EU (VOC): <30%

Additional information

Regulation (EC) No. 648/2004 (Detergents regulation)

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

SECTION 3: Composition / information on ingredients

SECTION 8: Exposure controls/personal protection

SECTION 9: Physical and chemical properties

SECTION 11: Toxicological information

SECTION 12: Ecological information

Abbreviations and acronyms

ADR: Accord européen sur le transport 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

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

Process categories according to ECHA guidance on information requirements and chemical safety assessment, chapter R.12:

PROC 1: Use in closed processes.

PROC 2: Use in closed, continuous process with occasional controlled exposure

PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises

PROC 7: Industrial spraying

PROC 8 (Transfer): Dilution of concentrated products, application of drain cleaners, dosage of textile washing agents.

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 10 (Roller application or brushing): Processing without large-scale spraying.

PROC 11 (Spraying outside industrial settings): Processing with large-scale spraying (e. g. high pressure cleaning, foam gun).

PROC 13: Treatment of articles by dipping and pouring

PROC 19 (Hand-mixing with intimate contact): Hand cleaning and disinfection.

Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

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Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)