

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

1.1 Product identifier

Trade name: DEEP CLEANER BISON

Art.Nr.: 1005176

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

Sector of Use

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Product category

PC35 Washing and cleaning products (including solvent based products)

Application of the substance / the mixture Cleaning material/ Detergent

Uses advised against All other applications that are not listed separately.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

TÜCHLER Bühnen- & Textiltechnik GmbH

Rennbahnweg 78

A-1220 Wien

Tel.: +43 (0)1 400 10

Further information obtainable from:

Emergency telephone number:

Vergiftungsinformationzentrale der Gesundheit Österreich GmbH: +43 (0)1 406 43 43

Produktsicherheit: Tel.: +43 (0)1 400 10 33 - safety@tuechler.net

2 SECTION: Hazards identification

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

The product is not classified, according to the GB CLP regulation

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Void.

Hazard pictograms Void

Signal word Void

Hazard statements Void

2.3 Other hazards

The product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds or formaldehydes.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

3 SECTION: Composition/information on ingredients

3.1 Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 112-34-5 EINECS: 203-961-6 Reg.nr.: 01-2119475104-44-xxxx	2-(2-butoxyethoxy)ethanol  Eye Irrit. 2, H319	2,5-10%
--	---	---------

CAS: 497-19-8 EINECS: 207-838-8	sodium carbonate  Eye Irrit. 2, H319	2,5-10%
------------------------------------	--	---------

Regulation (EC) No 648/2004 on detergents / Labelling for contents
amphoteric surfactants <5%
Farbstoff

Additional information: For the wording of the listed hazard phrases refer to section 16.

4 SECTION: First aid measures

4.1 Description of first aid measures

General information: Immediately remove any clothing soiled by the product

After inhalation:

Supply fresh air; consult doctor in case of complaints.

After skin contact:

Generally the product does not irritate the skin.

After eye contact:

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

After swallowing: If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 SECTION: Firefighting measures

5.1 Extinguishing media

General information: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters Not applicable.

Protective equipment:

No special measures required.

6 SECTION: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing.

6.2 Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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 disposal information

7 SECTION: Handling and storage

7.1 Precautions for safe handling:

Keine besonderen Maßnahmen erforderlich.

Behälter dicht geschlossen halten.

Information about fire - and explosion protection: No special measures required

7.2 Conditions for safe storage, including any incompatibilities:

Requirements to be met by storerooms and receptacles: Store only in the original receptacle.

Recommended storage temperature: 20 °C

Further information about storage conditions: None.

7.3 Specific end use(s) No further relevant information available.

8 SECTION: Exposure controls/personal protection

8.1 Control parameters:

Ingredients with limit values that require monitoring at the workplace:

CAS: 112-34-5 2-(2-butoxyethoxy)ethanol

WEL Kurzzeitwert: 101,2 mg/m³, 15 ml/m³

Long-term value: 67.5 mg/m³, 10 ppm

Additional information: The lists valid during the making were used as basis..

8.2 Exposure controls

Appropriate engineering controls No further data; see section 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Avoid contact with the eyes and skin.

Do not eat or drink while working

Respiratory protection:

In case of insufficient ventilation and prolonged exposure, we recommend respiratory protection with filter type A.

Hand protection:



The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
Preventive skin protection by use of skin-protecting agents is recommended

Material of gloves:

Nitrile rubber.

The protective gloves should comply with the EN 374 standard and ideally cover the protection ranges A,J,K,L.

Penetration time of glove material The glove must be selected according to the manufacturer's chemical resistance lists.
Ask your glove supplier for such lists.



Eye/face protection
Goggles recommended during refilling

Body protection: Protective work clothing

9 SECTION: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state	Fluid
Colour:	<i>According to product specification</i>
Odour:	<i>Like ammoniac</i>
Odour threshold:	Not determined
Melting point/freezing point	Undetermined.
Boiling point or initial boiling point and boiling range	Undetermined.
Flammability	Not applicable.
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	98 °C
Auto-ignition temperature	225 °C
Decomposition temperature:	Not determined
pH at 20 °C:	11
Viscosity:	
Kinematic viscosity	Not determined.
Dynamic:	Not determined.
Solubility	
water:	Not determined.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure at 20 °C:	23 hPa
Density and/or relative density	

Density at 20 °C:	1.096 g/cm ³
Relative density	Not determined.
Vapour density	Not determined.
9.2 Other information	
Appearance:	
Form:	Fluid
Important information on protection of health and environment, and on safety	
Ignition temperature	Product is not selfigniting
Explosive properties	Product does not present an explosion hazard
Solvent content	
VOC (EC)	10
Change in condition	
Evaporation rate	Not determined
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
10 SECTION: 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.

11 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.

Primary irritant effect:

Skin corrosion/irritation:

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

Serious eye damage/irritation:

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

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.

Aspiration hazard:

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

11.2 Information on other hazards

Endocrine disrupting properties

None of the ingredients is listed

12 SECTION: Ecological information

12.1 Toxicity

Aquatic toxicity:

No further relevant information available

12.2 Persistence and degradability

No further relevant information available.

Other information

The surfactants contained in this preparation fulfil the conditions of biodegradability as laid down in

Regulation (EC) No 648/2004 on detergents

12.3 Bioaccumulative potential

No further relevant information available

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

Additional ecological information:

General notes:

Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even extremely small quantities leak into the ground.

Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values.

A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

13 SECTION: Disposal considerations

13.1 Waste treatment methods

Recommendation :

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

European waste catalogue

20 00 00 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS

20 01 00 separately collected fractions (except 15 01)

20 01 29 detergents containing hazardous substances

15 00 00 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED

15 01 00 packaging (including separately collected municipal packaging waste)

15 01 02 plastic packaging

Uncleaned packaging

Recommendation: Packaging may be reused or recycled after cleaning

14 SECTION: Transport information

14.1 UN number or ID numbe: Not applicable.
ADR, ADN, IMDG, IATA: Void

14.2 UN proper shipping name
ADR, ADN, IMDG, IATA: Void

14.3 Transport hazard class(es)
ADR, ADN, IMDG, IATA
Class Void

14.4 . Packing group:
ADR, ADN, IMDG, IATA: Void

14.5 Environmental hazards:
Marine pollutant: No.

14.6 Special precautions for user
Not applicable

14.7 Maritime transport in bulk according to IMO instruments
Not applicable

Transport/Additional information:

ADR
Remarks: ----

IATA
Remarks: ----

UN "Model Regulation": Void

15 SECTION: Regulatory information

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

Poisons Act

Regulated explosives precursors

None of the ingredients is listed.

Regulated poisons

None of the ingredients is listed.

Reportable explosives precursors

None of the ingredients is listed.

Reportable poisons

CAS: 1336-21-6 ammonia 10%

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 55

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

REGULATION (EU) 2019/1148 Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out

16 SECTION: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H319 Causes serious eye irritation.

Classification according to Regulation (EC) No 1272/2008

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008

Abkürzungen und Akronyme:

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 Harmonised 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 (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2