

Safety Data Sheet (SDS)

Conforms to Regulation(EC) No.1907/2006(REACH), 1272/2008(CLP),as amended by Regulation(EU) No. 2020/878

Section 1 - Chemical Product and Company Identification

1.1 Product Identification:

Product Name: 7978 GlassClean

Product Model: /

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

Identified uses: Lens cleaning spray

Use advised against: No data available.

1.3 Details of the Manufacture or supplier

Bergeon SA

Allée des Défricheurs 4

CH-2300 La Chaux-de- Fonds Tél. ++41 32 933.60.00

Fax ++41 32 933 60 01

E-mail: info@bergeon.ch

1.4 Emergency telephone number

Emergency Telephone: +86-511-86733962

Section 2 - Hazards Identification

Classification of the substance or mixture

Product definition: Preparation

2.1 Classification according to Regulation (EC) No. 1272/2008 [CLP] and its amendments:

This product is not classified as hazardous.

2.2 Label elements

Label according to Regulation (EC) No. 1272/2008 [CLP] and its amendments:

Pictogram(s): No pictogram is used.

Signal Word: No signal word is used.

Hazard Statement: No hazard statement.

Precautionary statements: No precautionary statement.

2.3 Description of any hazards not otherwise classified

None.

Results of PBT and vPvB assessment

- PBT: Not applicable.
- vPvB: Not applicable.

Section 3 - Composition/Information on Ingredient

Substance Preparation Article

Composition:

Chemical name	CAS No.	EC No.	Content (%)	Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]
Water	7732-18-5	231-791-2	96.5%	Not classified.
Disodium tetraborate decahydrate	1303-96-4	215-540-4	1.7%	Repr. 1B (H360FD: C ≥ 6,5 %).
2-phenylethanol	60-12-8	200-456-2	1%	Acute Tox. 4, H302; Eye Irrit. 2, H319.
Sodium chloride	7647-14-5	231-598-3	0.8%	Not classified.

Abbreviation:

CAS No. is Chemical Abstract Service Registry Number.

Section 4 - First Aid Measures

4.1 Description of first aid measures:

Eye Contact: Flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.

Skin Contact: No need for first aid is anticipated. Wash hands with water after handling.

Inhalation: No special measures under normal condition.

Ingestion: Ingestion is unlikely under normal conditions. If ingested, seek medical attention if necessary.

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

No special medical treatment measure under normal condition.

Section 5 - Extinguishing media

5.1 Extinguishing media

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

This product does not burn. No special fire and explosion hazard.

5.3 Advice for firefighters

As in any fire, Wear self-contained breathing apparatus and full protective gear for firefighting if necessary.

5.4 Further information

No data available.

Section 6 - Accidental Release Measures

For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. See Chapter 13 for information on disposal. Observe the relevant local and international regulations.

6.1 Personal precautions, protective equipment and emergency procedures:

Not required normally.

6.2 Environmental precautions:

No special environmental precautions required.

6.3 Methods and materials for containment and cleaning up:

Collect up for recycle or disposal. Use towel and water to clean contaminated surface. No special measures required.

Section 7 - Handling and Storage

7.1 Precautions for safe handling:

Use according to the product instructions and identified uses, no special precaution measures required.

Keep away from direct sunlight, flames and high temperatures.

7.2 Conditions for safe storage, including any incompatibilities:

Keep container tightly closed in cool, dry and well-ventilated condition. Avoid direct sunlight. Keep away from drains and water source.

Section 8 - Exposure Controls, Personal Protection

8.1 Exposure Limits: Not established.

8.2 Exposure controls

Engineering Control: No special measures required.

Personal protective equipment:

Respiratory Protection: Not required for consumer under normal usage.

Eyes Protection:	Not required for consumer under normal usage.
Body Protection:	Not required for consumer under normal usage.
Hands Protection:	Not required for consumer under normal usage.
Other Protections:	Not required for consumer under normal usage.

Section 9 - Physical and Chemical Properties

Information on basic physical and chemical properties	
Appearance	Liquid
Color	Transparent
Odor	Slight fragrance
pH	7.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not applicable as incombustible.
Evaporation rate	Not available.
Flammability	Incombustible.
Upper explosive limit % (V/V)	Not applicable as not a flammable gas.
Lower explosive limit % (V/V)	Not applicable as not a flammable gas.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	Soluble in water
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not applicable.
Decomposition temperature	Not available.
Viscosity	Not available.

Section 10 - Stability and Reactivity

10.1 Stability: Stable under normal storage temperature and pressure.

10.2 Conditions to Avoid: No known.

10.3 Incompatible materials: No known.

10.4 Hazardous Decomposition Products: Other decomposition products- no data available. In the event of fire: see section 5.

10.5 Possibility of hazardous reactions: None hazardous reactions known under normal condition.

Section 11 - Toxicological Information

Acute Toxicity:	No data available.
Skin Corrosion/Irritation:	No known irritating effect.
Serious Eye Damage/Eye Irritation:	No known irritating effect.
Respiratory or Skin Sensitization	No sensitizing effects known.
Germ Cell Mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity:	None of the components of this product is listed as a carcinogen by IARC, NTP, US OSHA.
Reproductive Toxicity:	Based on available data, the classification criteria are not met.
Specific Target Organ Toxicity - Single Exposure (Globally Harmonized System):	No known human health effects upon single exposure.
Specific Target Organ Toxicity - Repeated Exposure (Globally Harmonized System):	No known human health effects upon repeated exposure.
Aspiration Hazard:	Based on available data, the classification criteria are not met.
Potential Health Effects:	
Inhalation:	No significant effects under normal condition.
Skin Contact:	No significant effects under normal condition.
Eye Contact:	May cause slight eye irritation.
Ingestion:	Ingestion is unlikely under normal conditions. May be harmful if largely ingested.

Section 12 - Ecological Information

12.1 Toxicity

Expected to be nonhazardous to environment under normal usage.

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No bioaccumulative potential

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

No known ecological damage caused by this product. Do not release large amount of undiluted product to environment.

Section 13 - Disposal Considerations

Waste treatment methods

Product

Non hazardous waste. Small quantity can be disposed as household waste. As for big quantity, Observe according to the national and local related regulations.

Contaminated packaging

Dispose of as unused product.

Section 14 - Transport Information

14.1 UN-Number

ADR/RID/ADN, IMO/IMDG, IATA Not applicable.

14.2 UN proper shipping name

ADR/RID/ADN, IMO/IMDG, IATA Not applicable.

14.3 Transport hazard class(es)

ADR/RID/ADN, IMO/IMDG, IATA

Class Not applicable.

Label Not applicable.

14.4 Packing group

ADR/RID/ADN, IMO/IMDG, IATA Not applicable.

14.5 Environmental hazards Not applicable.

14.6 Special precautions for user Not applicable.

14.7 Transport in bulk according to Annex 1 of

Marpol and the IBC Code Not applicable.

14.8 Transport/Additional information: Not dangerous according to the above specifications.

UN 'Model Regulation': Not applicable.

Section 15 - Regulatory Information

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

EU Regulations

Classification and labelling information included in section 2:

The following regulations have been used: EU Regulation No. 1272/2008 amended by EU Regulation No. 2020/1182(15th ATP).

Directive 2012/18/EU

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

Other regulations, limitations and prohibitive regulations

SVHC Candidate List of REACH Regulation Annex XIV Authorisation (15/1/2018)None of the ingredients is listed

REACH Regulation Annex XVII Restriction (101/2018)

See Section 1 for information about restriction of use.

None of the ingredients is listed.

REACH Regulation Annex XIV Authorisation List (13/6/2017)

None of the ingredients is listed

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

Section 16 - Additional Information

16.1 Reference

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|-----|--|---|
| [1] | IPCS:The International Chemical Safety Cards (ICSC) | website: http://www.ilo.org/dyn/icsc/showcard.home |
| [2] | EU REACH Registered Substance Database | website:
http://echa.europa.eu/web/guest/information-on-chemicals/registered-substances |
| [3] | OECD: The Global Portal to Information on Chemical Substances, | website:
http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en |
| [4] | CAMEO Chemicals, | website: http://cameochemicals.noaa.gov/search/simple |
| [5] | NLM:ChemIDplus, | website:
http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp |
| [6] | EPA: Integrated Risk Information System, | website: http://cfpub.epa.gov/iris/ |
| [7] | U.S. Department of Transportation:ERG, | website: http://www.phmsa.dot.gov/hazmat/library/erg |

- [8] Germany GESTIS-database on hazard substance website: <http://gestis-en.itrust.de/>
 [9] IARC website: <http://www.iarc.fr/>

16.2 Abbreviations and acronyms

PC-STEL	Short term exposure limit
PC-TWA	Time Weighted Average
IARC	International Agency for Research on Cancer
LC50	Lethal Concentration 50%
LD50	Lethal Dose 50%
EC50	Effective Concentration 50%
PBT	Persistent, Bioaccumulative, Toxic
vPvB	very Persistent, very Bioaccumulative
ADR	Agreement on Dangerous Goods by Road
IATA	International Air Transport Association
IMO	International Maritime Organization
IMDG	The International Maritime Dangerous Goods
ICAO	International Civil Aviation Organization
UN	The United Nations
NTP	National Toxicology Program
ACGIH	The American Conference of Governmental Industrial Hygienists
OSHA	Occupational Safety and Health Administration
NIOSH	National Institute for Occupational Safety and Health
H360	May damage fertility or the unborn child
H302	Harmful if swallowed.
H319	Causes serious eye irritation.

16.3 Disclaimer

-This Safety Data Sheet (SDS) was prepared according to Regulation(EC) No.1907/2006 (REACH), 1272/2008(EU-GHS/CLP),as amended by Regulation(EU) No. 2020/878.

-The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product

16.4 Information on revision

SDS Creation Date:	April 30, 2021
SDS Revision Date:	-
Reason For Revision:	-
SDS Edition:	1.0