

Anton Paar GmbH
8054 Graz

Date printed 26.03.2025, Revision 26.03.2025

Version 2.0. Supersedes version: 1.0

Page 1 / 8

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

1.1 Product identifier

AP Density Standard Glucose/Water 10 %

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

1.2.1 Relevant uses

Density standard

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company Anton Paar GmbH
Anton-Paar-Str. 20
8054 Graz / AUSTRIA
Phone +43 (0) 316 257-0
Fax +43 (0) 316 257-257
Homepage www.anton-paar.com
E-mail info@anton-paar.com

Address enquiries to

Technical information

info@anton-paar.com

Safety Data Sheet

sdb@chemiebuero.de (No dispatch of safety data sheets)
Safety data sheets are available from the supplier.

1.4 Emergency telephone number

Advisory body

Call NHS 111 or a doctor

Company

+43 (0) 316 257-0

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture [REGULATION (GB) CLP]

No classification.

2.2 Label elements

The product does not require a hazard warning label in accordance with regulation CLP.

Hazard pictograms

none

Signal word

none

Hazard statements

none

Precautionary statements

none

2.3 Other hazards

Environmental hazards

Contains no ingredients with endocrine-disrupting properties.
Does not contain any PBT or vPvB substances.

Other hazards

Further hazards were not determined with the current level of knowledge.

SECTION 3: Composition / Information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

The product is a mixture.

Comment on component parts

No hazardous components to be mentioned.

Anton Paar GmbH
8054 Graz

Date printed 26.03.2025, Revision 26.03.2025

Version 2.0. Supersedes version: 1.0

Page 2 / 8

SECTION 4: First aid measures

4.1 Description of first aid measures

| | |
|----------------------------|---|
| General information | Take off contaminated clothing and wash before reuse. |
| Inhalation | No special measures necessary. |
| Skin contact | When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists. |
| Eye contact | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| Ingestion | Rinse mouth. Never give anything by mouth to an unconscious person. Seek medical advice. |

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

| | |
|--|---|
| Suitable extinguishing media | Product itself is non-combustible. Fire extinguishing method of surrounding areas must be considered. |
| Extinguishing media that must not be used | Full water jet |

5.2 Special hazards arising from the substance or mixture

Carbon monoxide (CO)
Carbon dioxide (CO₂)

5.3 Advice for firefighters

Use self-contained breathing apparatus.
Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective clothing.
High risk of slipping due to leakage/spillage of product.

6.2 Environmental precautions

No special measures necessary.

6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g. general-purpose binder).
Dispose of absorbed material in accordance with the regulations.

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Observe the general safety regulations when handling chemicals.
Avoid contact with eyes and skin. Use personal protective equipment.
The product is not combustible.
Wash face and/or hands before break and end of work.
Do not eat, drink or smoke when using this product.

Anton Paar GmbH
8054 Graz

Date printed 26.03.2025, Revision 26.03.2025

Version 2.0. Supersedes version: 1.0

Page 3 / 8

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed.

7.3 Specific end use(s)

See product use, SECTION 1.2

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (UK)

not relevant

Ingredients with occupational exposure limits to be monitored EU (2004/37/EG)

not relevant

8.2 Exposure controls

Additional advice on system design Ensure adequate ventilation on workstation.

Eye protection If there is a risk of splashing:
safety glasses (EN 166:2001)

Hand protection The details concerned are recommendations. Please contact the glove supplier for further information.
In full contact:
0,4 mm; Nitrile rubber, >480 min (EN 374-1/-2/-3).

Skin protection light protective clothing

Other Avoid contact with eyes and skin.

Respiratory protection No special measures necessary.

Thermal hazards none

Delimitation and monitoring of the environmental exposition No special measures necessary.

Anton Paar GmbH
8054 Graz

Date printed 26.03.2025, Revision 26.03.2025

Version 2.0. Supersedes version: 1.0

Page 4 / 8

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|---|---------------------------|
| Physical state | liquid |
| Form | liquid |
| Color | clear |
| Odor | odourless |
| Odour threshold | not applicable |
| pH-value | No information available. |
| pH-value [1%] | No information available. |
| Boiling point or initial boiling point and boiling range [°C] | No information available. |
| Flash point [°C] | not applicable |
| Flammability | not applicable |
| Lower explosion limit | not applicable |
| Upper explosion limit | not applicable |
| Oxidising properties | no |
| Vapour pressure/gas pressure [kPa] | No information available. |
| Density [g/cm ³] | No information available. |
| Relative density | not determined |
| Bulk density [kg/m ³] | not applicable |
| Solubility in water | completely miscible |
| Solubility other solvents | No information available. |
| Partition coefficient n-octanol/water (log value) | not applicable |
| Kinematic viscosity | not relevant |
| Relative vapour density | No information available. |
| Melting point [°C] | No information available. |
| Auto-ignition temperature [°C] | not applicable |
| Decomposition temperature [°C] | not applicable |
| Particle characteristics | not applicable |

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

No hazardous reactions known.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

Oxidizing agent

10.6 Hazardous decomposition products

No decomposition if used and stored according to specifications.

Anton Paar GmbH
8054 Graz

Date printed 26.03.2025, Revision 26.03.2025

Version 2.0. Supersedes version: 1.0

Page 5 / 8

SECTION 11: Toxicological information

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

Acute oral toxicity

Product

Based on the available information, the classification criteria are not fulfilled.

Acute dermal toxicity

Product

Based on the available information, the classification criteria are not fulfilled.

Acute inhalational toxicity

Product

Based on the available information, the classification criteria are not fulfilled.

Serious eye damage/irritation

Based on the available information, the classification criteria are not fulfilled.

Skin corrosion/irritation

Based on the available information, the classification criteria are not fulfilled.

Respiratory or skin sensitisation

Based on the available information, the classification criteria are not fulfilled.

**Specific target organ toxicity —
single exposure**

Based on the available information, the classification criteria are not fulfilled.

**Specific target organ toxicity —
repeated exposure**

Based on the available information, the classification criteria are not fulfilled.

Mutagenicity

Based on the available information, the classification criteria are not fulfilled.

Reproduction toxicity

Based on the available information, the classification criteria are not fulfilled.

Carcinogenicity

Based on the available information, the classification criteria are not fulfilled.

Aspiration hazard

Based on the available information, the classification criteria are not fulfilled.

General remarks

Toxicological data of complete product are not available.

11.2 Information on other hazards

**11.2.1 Endocrine disrupting
properties**

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

11.2.2 Other information

none

SECTION 12: Ecological information

12.1 Toxicity

12.2 Persistence and degradability

**Behaviour in environment
compartments**

No information available.

Behaviour in sewage plant

No information available.

Biological degradability

The organic part of the product is readily biodegradable.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

Is readily absorbed into the ground.

12.5 Results of PBT and vPvB assessment

not applicable

Anton Paar GmbH
8054 Graz

Date printed 26.03.2025, Revision 26.03.2025

Version 2.0. Supersedes version: 1.0

Page 6 / 8

12.6 Endocrine disrupting properties

Contains no ingredients with endocrine-disrupting properties.

12.7 Other adverse effects

Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Coordinate disposal with the authorities if necessary.

Waste no. (recommended) 070199
160509

Contaminated packaging

Uncontaminated packaging may be taken for recycling.

Waste no. (recommended) 150102
150107

SECTION 14: Transport information

14.1 UN number or ID number

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.2 UN proper shipping name

Transport by land according to ADR/RID NO DANGEROUS GOODS

Inland navigation (ADN) NO DANGEROUS GOODS

Marine transport in accordance with IMDG NOT CLASSIFIED AS "DANGEROUS GOODS"

Air transport in accordance with IATA NOT CLASSIFIED AS "DANGEROUS GOODS"

14.3 Transport hazard class(es)

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

Anton Paar GmbH
8054 Graz

Date printed 26.03.2025, Revision 26.03.2025

Version 2.0. Supersedes version: 1.0

Page 7 / 8

14.4 Packing group

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.5 Environmental hazards

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

| | |
|--|---|
| EEC-REGULATIONS | 2008/98/EG (2000/532/EC); 2010/75/EU; 2004/42/EG; (EG) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EWG ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 2024/573; (EU) 2019/1148; (EU) 2019/1021, (EU) 2023/707 |
| - Comment on component parts | Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%. |
| - Annex XIV (REACH) | According to Annex XIV of Regulation (EC) 1907/2006 (REACH) the product does not contain any substances \geq 0.1% that are subject to authorisation. |
| - Annex XVII (REACH) | According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product does not contain any substances \geq 0.1% that are restricted. According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product is not subject to any restrictions. |
| TRANSPORT-REGULATIONS | ADR (2025); IMDG-Code (2025, 42. Amdt.); IATA-DGR (2025) |
| NATIONAL REGULATIONS (UK): | EH40/2005 Workplace exposure limits (Second edition, published December 2011); UK REACH; GB CLP. |
| - Observe employment restrictions for people | no |
| - VOC (2010/75/CE) | 0 % |

15.2 Chemical safety assessment

Anton Paar GmbH
8054 Graz

Date printed 26.03.2025, Revision 26.03.2025

Version 2.0. Supersedes version: 1.0

Page 8 / 8

SECTION 16: Other information

16.1 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
ATE = acute toxicity estimate
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging
DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level
EC50 = Median effective concentration
ECB = European Chemicals Bureau
EEC = European Economic Community
EINECS = European Inventory of Existing Commercial Chemical Substances
EL50 = Median effective loading
ELINCS = European List of Notified Chemical Substances
EmS = Emergency Schedules
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50%
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform Chemical Information Database
IVIS = In vitro irritation score
LC50 = Lethal concentration, 50%
LD50 = Median lethal dose
LC0 = lethal concentration, 0%
LOAEL = lowest-observed-adverse-effect level
LL50 = Median lethal loading
LQ = Limited Quantities
MARPOL = International Convention for the Prevention of Marine Pollution from Ships
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
STP = Sewage Treatment Plant
TLV@/TWA = Threshold limit value – time-weighted average
TLV@STEL = Threshold limit value – short-time exposure limit
VOC = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative

16.2 Other information

Classification procedure

Modified position

none

Copyright: Chemiebüro®