

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 12.07.2013

Revision no. 2

Revision: 12.07.2013

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

- **Product identifier**
- **Trade name: Blanova Tens APG 2000**
- **Article number: 173820**
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the preparation** Cosmetic uses
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
AZELIS
Posthofbrug 12, box 6
B-2600 Antwerp
Belgium
- **Further information obtainable from:**
Azelis
E mail: sds@azelis.com
- **Emergency telephone number:**
+ 33 (0) 1 44 73 10 02 (Carechem 24*7)
For China: + 86 1051003039
For India: +65 31581198
For advice on chemical emergencies, spillages, fires or First Aid
National emergency telephone number :
Czech Republic: Toxikologické informační středisko (TIS), Klinika nemocí z povolání, Na Bojišti 1,
128 08 Praha 2, Tel – nonstop: + 420 224 919 293, + 420 224 915 402
France : Orfila 01.45.42.59.59
Netherlands: National vergiftigingen info centrum: 030-2748888
Denmark Giftlinien +45 82 12 12 12
Sverige +46 08-33 12 31
Norge Giftcentralen +47 22 59 13 00
Schweizerisches Toxikologisches Informationszentrum Telefon +41 145
Finland: Myrkytystietokeskus, puh. 09-471977 tai 09-4711/Myrkytystietokeskus
Vergiftungsinformationszentrale Wien Telefon +43 1 4064343
Núdzové telefónne číslo: Národné toxikologické informačné centrum, tel: 02/ 5477 4166
Romania: BIROUL PT REGULAMENTUL SANITAR INTERNATIONAL SI INFORMARE
TOXICOLOGICA: +4021 318 36 06
Serbia - Nacionalni centar za kontrolu trovanja: + 381 11 266 11 22
Turkey - Acil Sağlık Hizmetleri Genel Müdürlüğü: 114
Hungary - Health Toxicological Information Service, H-1096 Budapest, Nagyvárad tér 2: +36 80 20
11 99 (free of charge within Hungary)
Croatia - Broj telefona službe za izvanredna stanja: 112
Greece - ΤΗΛ. ΚΕΝΤΡΟΥ ΔΗΛΗΤΗΡΙΑΣΕΩΝ : 210-77.93.777
SLOVAKIA Núdzové telefónne číslo: Národné toxikologické informačné centrum, tel: 02/ 5477 4166

2 Hazards identification

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



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.

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- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**

 Xi; Irritant

R41: Risk of serious damage to eyes.

- **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

- **Classification system:**

The classification is in line with current EC lists. It is extended, by information from technical literature and company information.

- **Label elements**

- **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

- **Hazard pictograms**



GHS05

- **Signal word Danger**

- **Hazard-determining components of labelling:**

C12-14 Alkyl Glucoside

- **Hazard statements**

H318 Causes serious eye damage.

- **Precautionary statements**

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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

P310 Immediately call a POISON CENTER or doctor/physician.

- **Other hazards**

- **Results of PBT and vPvB assessment**



· **PBT:** Not applicable.

· **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**

- **Dangerous components:**

110615-47-9	C12-14 Alkyl Glucoside	 Xi R41  Eye Dam. 1, H318	50%
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- **Additional information:**

For the wording of the listed risk phrases refer to section 16.

CAS: 7732-18-5	water	50%
EINECS: 231-791-2		
RTECS: ZC 0110000		

4 First aid measures

- **Description of first aid measures**

· **General information:** Seek medical treatment in case of complaints.

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- **After inhalation:** Supply fresh air.
- **After skin contact:** Flush with plenty of water.
- **After eye contact:**
Remove contact lenses.
Immediately flush eyes with plenty of water for atleast 15 minutes and get medical attention if irritation persists.
- **After swallowing:**
Rinse mouth thoroughly.
If the person is conscious:
Drink 1 - 2 glasses of water
Never give an unconscious person anything through the mouth.
Seek medical treatment in case of complaints.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Foam, CO₂, Fire-extinguishing powder, Water spray
- **Special hazards arising from the substance or mixture**
No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear necessary protective equipment.
Avoid contact with eyes and skin
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
The product might be absorbed by inert material.
Send for disposal in a suitable container
Dispose of the material collected according to regulations.
- **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 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Usual safety precautions should be observed to ensure safe handling.
Ensure good ventilation/exhaustion at the workplace.
Avoid contact with eyes and skin.

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- **Information about fire - and explosion protection:**
Normal measures for preventive fire protection.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Keep in cool, dry, ventilated storage and closed containers.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:**
This is based on data that was valid at the time of writing.
Use engineering controls to reduce air contamination.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
Remove and wash contaminated clothing before re-use.
Do not eat, drink or smoke while working.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
Provide eyewash station.
- **Respiratory protection:**



Suitable respiratory protective device recommended.

NIOSH or European Standard EN 149 approved respirator

- **Protection of hands:**



Protective gloves.

DIN/EN 374

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- **Material of gloves**

Neoprene gloves

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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 · **Eye protection:**


Tightly sealed goggles

(EN 166)

 · **Body protection:** Wear suitable protective clothing.

9 Physical and chemical properties

 · **Information on basic physical and chemical properties**

 · **General Information**

 · **Appearance:**

Form:	Liquid
Colour:	Yellow

 · **Odour:** Not determined.

 · **Odour threshold:** Not determined.

 · **pH-value:** 11.5 - 12.5 (10% concentration)

 · **Change in condition**

Melting point/Melting range:	15 - 20 °C
Boiling point/Boiling range:	100 °C

 · **Flash point:** > 100 °C

 · **Flammability (solid, gaseous):** Not applicable.

 · **Ignition temperature:**

Decomposition temperature:	Undetermined.
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 · **Self-igniting:** > 150 °C

 · **Danger of explosion:** Product does not present an explosion hazard.

 · **Explosion limits:**

Lower:	Not determined.
Upper:	Not determined.

 · **Vapour pressure:** Not determined.

 · **Density:** Not determined.

 · **Relative density at 20 °C** 1.080 g/ml

 · **Vapour density** Not determined.

 · **Evaporation rate** Not determined.

 · **Solubility in / Miscibility with water:**

Soluble.

 · **Partition coefficient (n-octanol/water):** Not determined.

 · **Viscosity:**

Dynamic at 40 °C:	2400 mPas
Kinematic:	Not determined.

 · **Other information** No further relevant information available.

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10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
Stable under recommended storage and handling conditions (See section 7).
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values relevant for classification:**

Oral	LD50	> 2000 mg/kg (rat)
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- **Primary irritant effect:**
- **on the skin:** May cause irritation to mucous membranes.
- **on the eye:** Risk of serious damage to eyes.
- **ingestion:** No specific health warnings noted.
- **inhalation:** No specific health warnings noted.
- **Additional toxicological information:**
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** Readily biodegradable.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Avoid transfer into the environment.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation** Dispose of in accordance with Local Authority requirements.

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- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· UN-Number · ADR, ADN, IMDG, IATA	Void
· UN proper shipping name · ADR, ADN, IMDG, IATA	Void
· Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class	Void
· Packing group · ADR, IMDG, IATA	Void
· Environmental hazards: · Marine pollutant:	No
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	-

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Labelling according to Regulation (EC) No 1272/2008**
- **Hazard statements** Please refer section 2.
- **National regulations:**
- **Information about limitation of use:**
Employment restrictions concerning juveniles must be observed.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 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**
H318 Causes serious eye damage.
R41 Risk of serious damage to eyes.
- **Department issuing SDS:** Q&SHE
- **Contact:** sds@azelis.com
- **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

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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 (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
· * **Data compared to the previous version altered.**

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