



**SAFETY DATA SHEET** Prepared according to Regulation on  
Registration, Evaluation, Authorization and Restriction of Chemicals.  
(23.06.2017 - No: 30105)

**TAXAT AZUR**

**Section: 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1 Product identifier**

Product name : TAXAT AZUR

Product code : 119196E

Use of the Substance/Mixture : Laundry product

Substance type: Mixture

**For professional users only.**

Product dilution information : No dilution information provided.

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

Identified uses : Laundry detergent. Semi automatic process

Recommended restrictions on use : Reserved for industrial and professional use.

**1.3 Details of the supplier of the safety data sheet**

Company : Ecolab Temizleme Sistemleri Ltd. Şti  
Esentepe Mahallesi, Cevizli - Esentepe E-5 Yanyol Caddesi  
Vizyon Bulvar No: 13, Kat 1 No: 65 Turkey TR 34870 KARTAL /  
İSTANBUL  
+90 (216) 458 69 00, Fax: +90 (216) 458 69 07

Company : Ecolab Gulf FZE  
P.O. Box 17063  
Jebel Ali Free Zone Area, Near Container Terminal 3 - North  
Zone, Dubai UAE 00971 4 8014444 Customer Services

Nalco Egypt Trading  
5th Settlement, South 90th St.  
The Address Building No 67th – 1st floor, New Cairo, Cairo, Egypt  
11835  
0020 2 25 37 1195

Ecolab Maroc S.A.R.L.  
Centre Green Works Batiment B, Bureau N° 13 ,  
109 Route de Bouskoura, Sidi Maarouf, 27182, Casablanca,  
Morocco 00212 22 58 25 30 - 35

Company : Ecolab Food Safety & Hygiene Solutions Pvt. Ltd  
WeWork, 247 Park Bus Stop, 13th floor, 247 Park, Hindustan C,  
LBS Road, Gandhi Nagar, Vikhroli West,

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Mumbai, Maharashtra. 400 079, India Phone: +91 22 48808555,  
+91 22 48808535 Toll free number: 1800 209 2530

**1.4 Emergency telephone number**

Emergency telephone : +32-(0)3-575-5555 Trans- European  
number

Poison Information Centre : 114 Ulusal Zehir Danışma Merkezi (UZEM)  
telephone number

Date of Compilation/Revision : 23.12.2022  
Version : 1.0

**Section: 2. HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

**Classification (T.R. SEA No 28848)**

Eye irritation, Category 2 H319

**2.2 Label elements**

**Labelling (T.R. SEA No 28848)**

Hazard pictograms :



Signal Word : Warning

Hazard Statements : H319 Causes serious eye irritation.

Precautionary Statements : **Prevention:**  
P280e Wear eye protection/face protection.

**2.3 Other hazards**

None known.

**Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2 Mixtures**

**Hazardous components**

Chemical Name	CAS-No. EC-No.	Classification (T.R. SEA No 28848)	Concentration :[%]
Sodium Carbonate	497-19-8 207-838-8	Eye irritation Category 2; H319	>= 30 - < 50

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sodium dodecylbenzene sulfonate	25155-30-0 246-680-4	Acute toxicity Category 4; H302 Skin irritation Category 2; H315 Serious eye damage Category 1; H318	>= 5 - < 10
Sodium carbonate peroxyhydrate	15630-89-4 239-707-6	Oxidizing solids Category 3; H272 Acute toxicity Category 4; H302 Serious eye damage Category 1; H318  Serious eye damage/eye irritation Category 1 25 - 100 % Serious eye damage/eye irritation Category 2A 10 - 25 % Serious eye damage/eye irritation Category 2B 1 - 10 % Oxidizing solids Category 3 70 - 100 %	>= 3 - < 5
Sodium silicate	1344-09-8 215-687-4	Skin corrosion Category 1B; H314 Serious eye damage Category 1; H318 Specific target organ toxicity - single exposure Category 3; H335  Serious eye damage/eye irritation Category 1 >= 28 % Serious eye damage/eye irritation Category 2A 24 - < 28 % Skin corrosion/irritation Category 1B >= 39 % Skin corrosion/irritation Category 2 24 - < 39 % Specific target organ toxicity - single exposure Category 3 >= 24 %	>= 3 - < 5
alcohols, c12-14, ethoxylated	68439-50-9 500-213-3	Acute aquatic toxicity Category 1; H400 Serious eye damage/eye irritation Category 1; H318 Skin corrosion/irritation Category 2; H315  M = 1	>= 2.5 - < 3

For the full text of the H-Statements mentioned in this Section, see Section 16.

**Section: 4. FIRST AID MEASURES**

**4.1 Description of first aid measures**

- |                         |   |
|-------------------------|---|
| In case of eye contact  | : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention. |
| In case of skin contact | : Rinse with plenty of water.   |
| If swallowed            | : Rinse mouth. Get medical attention if symptoms occur.   |

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If inhaled : Get medical attention if symptoms occur.

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

See Section 11 for more detailed information on health effects and symptoms.

**4.3 Indication of immediate medical attention and special treatment needed**

Treatment : Treat symptomatically.

**Section: 5. FIREFIGHTING MEASURES**

**5.1 Extinguishing media**

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : None known.

**5.2 Special hazards arising from the substance or mixture**

Specific hazards during firefighting : Not flammable or combustible.

Hazardous combustion products : Depending on combustion properties, decomposition products may include following materials:  
Carbon oxides  
Sulphur oxides  
metal oxides

**5.3 Advice for firefighters**

Special protective equipment for firefighters : Use personal protective equipment.

Further information : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

**Section: 6. ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures**

Advice for non-emergency personnel : Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

Advice for emergency responders : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.

**6.2 Environmental precautions**

Environmental precautions : Do not allow contact with soil, surface or ground water.

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**6.3 Methods and materials for containment and cleaning up**

Methods for cleaning up : Sweep up and shovel into suitable containers for disposal.

**6.4 Reference to other sections**

See Section 1 for emergency contact information.

For personal protection see section 8.

See Section 13 for additional waste treatment information.

**Section: 7. HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

- |                         |  |
|-------------------------|--|
| Advice on safe handling | : Avoid contact with skin and eyes. Use only with adequate ventilation. Wash hands thoroughly after handling. In case of mechanical malfunction, or if in contact with unknown dilution of product, wear full Personal Protective Equipment (PPE). |
| Hygiene measures        | : Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling.   |

**7.2 Conditions for safe storage, including any incompatibilities**

- |   |   |
|---|---|
| Requirements for storage areas and containers | : Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers. |
| Storage temperature                           | : 0 °C to 50 °C   |

**7.3 Specific end uses**

- |                 |   |
|-----------------|---|
| Specific use(s) | : Laundry detergent. Semi automatic process |
|-----------------|---|

**Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

Contains no substances with occupational exposure limit values.

**DNEL**

Sodium Carbonate	: End Use: Workers Exposure routes: Inhalation Potential health effects: Long-term local effects Value: 10 mg/m <sup>3</sup>  End Use: Consumers Exposure routes: Inhalation Potential health effects: Acute local effects Value: 10 mg/m <sup>3</sup>
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Sodium silicate	: End Use: Workers Exposure routes: Inhalation Potential health effects: Long-term systemic effects Value: 5.61 mg/m3
	: End Use: Workers Exposure routes: Dermal Potential health effects: Long-term systemic effects Value: 1.59 mg/cm2
	: End Use: Consumers Exposure routes: Inhalation Potential health effects: Long-term systemic effects Value: 1.38 mg/m3
	: End Use: Consumers Exposure routes: Dermal Potential health effects: Long-term systemic effects Value: 0.8 mg/cm2
	: End Use: Consumers Exposure routes: Ingestion Potential health effects: Long-term systemic effects Value: 0.8 ppm

**PNEC**

Sodium silicate	: Fresh water Value: 7.5 mg/l
	: Marine water Value: 1 mg/l
	: Intermittent use/release Value: 7.5 mg/l
	: Sewage treatment plant Value: 348 mg/l

**8.2 Exposure controls**

**Appropriate engineering controls**

Engineering measures : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Individual protection measures**

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling.

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Eye/face protection (EN 166)	: Safety glasses with side-shields
Hand protection (EN 374)	: No special protective equipment required.
Skin and body protection (EN 14605)	: No special protective equipment required.
Respiratory protection (EN 143, 14387)	: When respiratory risks cannot be avoided or sufficiently limited by technical means of collective protection or by measures, methods or procedures of work organization, consider the use of certified respiratory protection equipment meeting EU requirements (89/656/EEC, (EU) 2016/425), or equivalent, with filter type:P

**Environmental exposure controls**

General advice	: Consider the provision of containment around storage vessels.
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**Section: 9. PHYSICAL AND CHEMICAL PROPERTIES**

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

Appearance	: powder
Colour	: white with coloured particles
Odour	: Perfumes, fragrances
pH	: 11, 0.5 %
Flash point	: Not applicable.
Odour Threshold	: Not applicable and/or not determined for the mixture
Melting point/freezing point	: Not applicable and/or not determined for the mixture
Initial boiling point and boiling range	: Not applicable and/or not determined for the mixture
Evaporation rate	: Not applicable and/or not determined for the mixture
Flammability (solid, gas)	: Not applicable and/or not determined for the mixture
Upper explosion limit	: Not applicable and/or not determined for the mixture
Lower explosion limit	: Not applicable and/or not determined for the mixture
Vapour pressure	: Not applicable and/or not determined for the mixture
Relative vapour density	: Not applicable and/or not determined for the mixture
Relative density	: Not applicable and/or not determined for the mixture
Water solubility	: Not applicable and/or not determined for the mixture
Solubility in other solvents	: Not applicable and/or not determined for the mixture
Partition coefficient: n-octanol/water	: Not applicable and/or not determined for the mixture
Auto-ignition temperature	: Not applicable and/or not determined for the mixture
Thermal decomposition	: Not applicable and/or not determined for the mixture
Viscosity, kinematic	: Not applicable and/or not determined for the mixture

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Explosive properties : Not applicable and/or not determined for the mixture  
Oxidizing properties : Not applicable and/or not determined for the mixture

**9.2 Other information**

Not applicable and/or not determined for the mixture

**Section: 10. STABILITY AND REACTIVITY**

**10.1 Reactivity**

No dangerous reaction known under conditions of normal use.

**10.2 Chemical stability**

Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

No dangerous reaction known under conditions of normal use.

**10.4 Conditions to avoid**

None known.

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products**

Depending on combustion properties, decomposition products may include following materials:  
Carbon oxides  
Sulphur oxides  
metal oxides

**Section: 11. TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

Information on likely routes of exposure : Inhalation, Eye contact, Skin contact

**Product**

Acute oral toxicity : Acute toxicity estimate : > 2,000 mg/kg  
Acute inhalation toxicity : There is no data available for this product.  
Acute dermal toxicity : There is no data available for this product.  
Skin corrosion/irritation : There is no data available for this product.

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Serious eye damage/eye irritation : Chicken eye: No damage to eyes  
Method: OECD Test Guideline 438  
Test substance: Product  
  
Bovine cornea: No damage to eyes  
Method: OECD Test Guideline 437  
Test substance: Product  
  
Chicken eye: No damage to eyes  
Method: histopathological changes  
Test substance: Product  
  
Causes serious eye irritation. Expert judgement

Respiratory or skin sensitization : There is no data available for this product.

Carcinogenicity : There is no data available for this product.

Reproductive effects : There is no data available for this product.

Germ cell mutagenicity : There is no data available for this product.

Teratogenicity : There is no data available for this product.

STOT - single exposure : There is no data available for this product.

STOT - repeated exposure : There is no data available for this product.

Aspiration toxicity : There is no data available for this product.

**Components**

Acute oral toxicity : Sodium Carbonate LD50 rat: 2,800 mg/kg  
  
sodium dodecylbenzene sulfonate LD50 rat: 1,086 mg/kg  
  
Sodium carbonate peroxyhydrate LD50 rat: 1,034 mg/kg  
  
Sodium silicate LD50 rat: 3,400 mg/kg

**Components**

Acute dermal toxicity : Sodium silicate LD50 rat: > 5,000 mg/kg  
Test substance: Information given is based on data obtained from similar substances.  
  
alcohols, c12-14, ethoxylated LD50 : > 2,000 mg/kg

**Potential Health Effects**

Eyes : Causes serious eye irritation.

Skin : Health injuries are not known or expected under normal use.

Ingestion : Health injuries are not known or expected under normal use.

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Inhalation : Health injuries are not known or expected under normal use.

Chronic Exposure : Health injuries are not known or expected under normal use.

**Experience with human exposure**

Eye contact : Redness, Pain, Irritation

Skin contact : No symptoms known or expected.

Ingestion : No symptoms known or expected.

Inhalation : No symptoms known or expected.

**Section: 12. ECOLOGICAL INFORMATION**

**12.1 Toxicity**

Environmental Effects : This product has no known ecotoxicological effects.

**Product**

Toxicity to fish : no data available

Toxicity to daphnia and other aquatic invertebrates : no data available

Toxicity to algae : no data available

**Components**

Toxicity to fish : Sodium Carbonate96 h LC50 Lepomis macrochirus (Bluegill sunfish): 300 mg/l

sodium dodecylbenzene sulfonate96 h LC50 Fish: 3.2 mg/l

Sodium silicate96 h LC50 Oncorhynchus mykiss (rainbow trout): 260 mg/l

**Components**

Toxicity to daphnia and other aquatic invertebrates : Sodium Carbonate48 h EC50 Ceriodaphnia (water flea): 213.5 mg/l

Sodium carbonate peroxyhydrate48 h EC50 Daphnia: 4.9 mg/l

Sodium silicate48 h EC50 Daphnia magna (Water flea): 1,700 mg/l

**Components**

Toxicity to algae : Sodium silicate72 h EC50 Desmodesmus subspicatus (green algae): 207 mg/l

alcohols, c12-14, ethoxylated72 h EC50: 0.8 mg/l

**12.2 Persistence and degradability**

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**Product**

Biodegradability : The surfactants contained in the product are biodegradable according to the requirements of the detergent regulation 648/2004/EC

**Components**

Biodegradability : Sodium CarbonateResult: Not applicable - inorganic  
sodium dodecylbenzene sulfonateResult: Readily biodegradable.  
Sodium carbonate peroxyhydrateResult: Not applicable - inorganic  
Sodium silicateResult: Not applicable - inorganic  
alcohols, c12-14, ethoxylatedResult: Readily biodegradable.

**12.3 Bioaccumulative potential**

no data available

**12.4 Mobility in soil**

no data available

**12.5 Results of PBT and vPvB assessment**

**Product**

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 data available

**Section: 13. DISPOSAL CONSIDERATIONS**

Dispose of in accordance with the European Directives on waste and hazardous waste. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

**13.1 Waste treatment methods**

Product : Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of contents/container in accordance with local regulations Dispose of wastes in an approved waste disposal facility.

Contaminated packaging : Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers. Dispose of in accordance with local,

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state, and federal regulations.

Guidance for Waste Code selection : Inorganic wastes containing dangerous substances. If this product is used in any further processes, the final user must redefine and assign the most appropriate European Waste Catalogue Code. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable European (EU Directive 2008/98/EC) and local regulations.

**Section: 14. TRANSPORT INFORMATION**

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

**Land transport (ADR/ADN/RID)**

14.1 UN number	: Not dangerous goods
14.2 UN proper shipping name	: Not dangerous goods
14.3 Transport hazard class(es)	: Not dangerous goods
14.4 Packing group	: Not dangerous goods
14.5 Environmental hazards	: Not dangerous goods
14.6 Special precautions for user	: Not dangerous goods

**Air transport (IATA)**

14.1 UN number	: Not dangerous goods
14.2 UN proper shipping name	: Not dangerous goods
14.3 Transport hazard class(es)	: Not dangerous goods
14.4 Packing group	: Not dangerous goods
14.5 Environmental hazards	: Not dangerous goods
14.6 Special precautions for user	: Not dangerous goods

**Sea transport (IMDG/IMO)**

14.1 UN number	: Not dangerous goods
14.2 UN proper shipping name	: Not dangerous goods
14.3 Transport hazard class(es)	: Not dangerous goods
14.4 Packing group	: Not dangerous goods
14.5 Environmental hazards	: Not dangerous goods
14.6 Special precautions for user	: Not dangerous goods
14.7 Transport in bulk according to Annex II of	: Not dangerous goods

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MARPOL 73/78 and the IBC  
Code

**Section: 15. REGULATORY INFORMATION**

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

according to Detergents Regulation EC 648/2004	: 5 % or over but less than 15 %: Anionic surfactants less than 5 %: Non-ionic surfactants, Oxygen-based bleaching agents
Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major- accident hazards involving dangerous substances.	: Not applicable.

**National Regulations**

**Take note of Dir 94/33/EC on the protection of young people at work.**

Other regulations	: According to 11 December 2013, Numbered 28848 (Bis), "Ministry of Environment and Forestry"; Regulation on Classification, Labelling and Packaging of Substances and Mixtures. Prepared according to Regulation on Registration, Evaluation, Authorization and Restriction of Chemicals. (23.06.2017 - No: 30105)
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**15.2 Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out on the product.

**Section: 16. OTHER INFORMATION**

**Procedure used to derive the classification according to REGULATION (EC) No 1272/2008 and Regulation T.R. SEA No 28848**

Classification	Justification
Eye irritation 2, H319	Based on product data or assessment

**Full text of H-Statements**

H272	May intensify fire; oxidiser.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.

**Full text of other abbreviations**

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ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Prepared by

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Certificate date: 05.02.2022  
Certificate expiry date: 05.02.2027  
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Numbers quoted in the MSDS are given in the format: 1,000,000 = 1 million and 1,000 = 1 thousand. 0.1 = 1 tenth and 0.001 = 1 thousandth

**REVISED INFORMATION:** Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.