





## AVAKS ANTIBACTERIAL TOILET BLEACH

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier:** AVAKS ANTIBACTERIAL TOILET BLEACH  
**Other means of identification:**  
**UFI: YJ10-COSR-000X-1U6U**
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**  
 Relevant uses: Antibacterial-cleanser and toilet bleach.  
 Uses advised against: Toilet
- 1.3 Details of the supplier of the safety data sheet:**  
 Company name: ANDROS FARM DOO  
 Addresses: Str. 15th Korpus, 6000 Ohrid, Macedonia  
 Telephone number: +389 46 261  
 e-mail: andros@andros.com.mk  
 Web: [www.andros.com.mk](http://www.andros.com.mk)
- 1.4 Emergency telephone number:**  
 Phone number of the National Center for Control and Information on Chemical Poisoning: +359 2 9154 233 (<http://www.pirogov.bg>)

### SECTION 2: HAZARDS IDENTIFICATION \*\*

- 2.1 Classification of the substance or mixture:**  
**CLP Regulation (EC) No 1272/2008:**  
 Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.  
 Skin corrosion/irritation; Category 1A; H314 Causes severe skin burns and eye damage  
 Serious eye damage/irritation; Category 1; H318 Causes serious eye damage  
 Label elements:  
**CLP Regulation (EC) No 1272/2008:**  
**Danger**  

  
**Hazard statements:**  
 H314 Causes severe skin burns and eye damage.  
**Precautionary statements:**  
 P101 If medical advice is needed, have product container or label at hand  
 P102 Keep out of reach of children  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P501 Dispose of contents/container in accordance with local and national regulation  
**Substances that contribute to the classification**  
 Contains: Sodium Hydroxide; Amines, C12-18(even numbered)-alkyldimethyl, N-oxides;
- 2.2 Other hazards:**  
 Product fails to meet PBT/vPvB criteria  
 Endocrine-disrupting properties: The product fails to meet the criteria.

\*\* Changes with regards to the previous version

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## AVAKS ANTIBACTERIAL TOILET BLEACH

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Substance:**

Non-applicable

**3.2 Mixture:**

**Chemical description:** Aqueous solution based on complexing agents, alkalis and dispersants.

**Components:**

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

Identification	Chemical name/Classification	Concentration
CAS: 1310-73-2 EC: 215-185-5 Index: 011-002-00-6 REACH: 01-2119457892-27-XXXX	<b>sodium hydroxide<sup>(1)</sup></b> ATP CLP00	≤ 5 %
	Regulation 1272/2008 Skin Corr. 1A: H314 - Danger	
CAS: 68955-55-5 EC: 931-341-1 REACH: 01-2119489396-21-0009	<b>Amines, C12-18(even numbered)- alkyldimethyl, N-oxides<sup>(1)</sup></b>	≤ 2 %
	Regulation 1272/2008 Acute Tox. 4, H302, Skin Irrit. 2; H315, Eye Dam. 1, H318, Aquatic Acute 1, H400 Aquatic Chronic 2, H411 M(acute)=1	
CAS: 9004-82-4 EC: 500-234-8 REACH:	<b>Sodium Laureth Sulfate<sup>(1)</sup></b>	≤ 3%
	Regulation 1272/2008 Skin Irrit. 2, Eye Irrit. 2	
CAS: 7681-52-9 EC: 231-665-3 REACH: 01-2119488154-34-0001	<b>Sodium Hypochlorite (% Cl active)<sup>(1)</sup></b>	≤ 5%
	Regulation 1272/2008 EUH031; Skin Corr. 1B, H314, Eye Dam. 1, H318, Aquatic Acute 1, H400, Aquatic Chronic 1, H410 M(acute) = 10 M(chronic)=1 EUH031: C ≥ 5 %	

<sup>(1)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

**Other information:**

Identification	Specific concentration limit
sodium hydroxide CAS: 1310-73-2 EC: 215-185-5	% (w/w) ≥ 5: Skin Corr. 1A - H314 2 ≤ % (w/w) < 5: Skin Corr. 1B - H314 0,5 ≤ % (w/w) < 2: Skin Irrit. 2 - H315 % (w/w) ≥ 2: Eye Dam. 1 - H318 0,5 ≤ % (w/w) < 2: Eye Irrit. 2 - H319

### SECTION 4: FIRST AID MEASURES

**4.1 Description of first aid measures:**

Request medical assistance immediately, showing the SDS of this product.

**By inhalation:**

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

**By skin contact:**

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

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### SECTION 4: FIRST AID MEASURES (continued)

**By eye contact:**

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

**By ingestion/aspiration:**

Request immediate medical assistance, showing the SDS of this product. Do not induce vomiting, because its expulsion from the stomach can be hazardous to the mucus of the main digestive tract, and also risk damage to the respiratory system through inhalation. Rinse out the mouth and throat, as they may have been affected during ingestion. In the case of loss of consciousness do not administer anything orally unless supervised by a doctor. Keep the person affected at rest.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Non-applicable

### SECTION 5: FIREFIGHTING MEASURES

**5.1 Extinguishing media:**

**Suitable extinguishing media:**

Product is non-flammable under normal conditions of storage, manipulation and use, but the product contains flammable substances. In the case of inflammation as a result of improper manipulation, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

**Unsuitable extinguishing media:**

IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

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

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

**5.3 Advice for firefighters:**

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

**Additional provisions:**

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.



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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

**For non-emergency personnel:**

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

**For emergency responders:**

Wear protective equipment. Keep unprotected persons away. See section 8.

**6.2 Environmental precautions:**

This product is not classified as hazardous to the environment. Keep product away from drains, surface and ground water.

**6.3 Methods and material for containment and cleaning up:**

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

**6.4 Reference to other sections:**

See sections 8 and 13.

**SECTION 7: HANDLING AND STORAGE**

**7.1 Precautions for safe handling:**

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks,...) and transfer at slow speeds to avoid the creation of electrostatic charges. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

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

A.- Technical measures for storage

Minimum Temp.: 5 °C

Maximum time: 36 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

**7.3 Specific end use(s):**

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.



**AVAKS ANTIBACTERIAL TOILET BLEACH**

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters:**

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

There are no applicable occupational exposure limits for the substances contained in the product

**DNEL (Workers):**

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Sodium hydroxide Cas:1310-73-2 EC:215-185-5	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Inhalation	Non-applicable	Non-applicable	Non-applicable	1 mg/m <sup>3</sup>
Amines, C12-18(even numbered)- alkyldimethyl, N-oxides Cas 68955-55-5 EC 931-341-1	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	11mg/kg	0.27%
	Inhalation	Non-applicable	Non-applicable	6,2 mg/m <sup>3</sup>	Non-applicable
Sodium Hypochlorite (% Cl active) <sup>(1)</sup> CAS 7681-52-9 EC 231-665-3	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Inhalation	Non-applicable	3,1mg/kg	1,55mg/m <sup>3</sup>	1,55mg/m <sup>3</sup>
Sodium Laureth Sulfate CAS 9004-82-4 EC 500-234-8	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	80.357 mg/kg	132 µg/cm <sup>2</sup>
	Inhalation	Non-applicable	Non-applicable	7.9 mg/m <sup>3</sup>	Non-applicable

**DNEL (General population):**

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Amines, C12-18(even numbered)- alkyldimethyl, N-oxides Cas 68955-55-5 EC 931-341-1	Oral	Non-applicable	Non-applicable	0,44 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	5,5 mg/kg	0.27%
	Inhalation	Non-applicable	Non-applicable	1,53mg/m <sup>3</sup>	Non-applicable
Sodium Hypochlorite (% Cl active) <sup>(1)</sup> CAS 7681-52-9 EC 231-665-3	Oral	Non-applicable	Non-applicable	0,26 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	Non-applicable	3,1mg/kg
	Inhalation	Non-applicable	Non-applicable	1,55mg/m <sup>3</sup>	1,55mg/m <sup>3</sup>
Sodium Laureth Sulfate CAS 9004-82-4 EC 500-234-8	Oral	Non-applicable	Non-applicable	1.125 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	40.178 mg/kg	79 µg/cm <sup>2</sup>
	Inhalation	Non-applicable	Non-applicable	1.4 mg/m <sup>3</sup>	Non-applicable

**PNEC:**

Identification				
Amines, C12-18(even numbered)- alkyldimethyl, N-oxides Cas 68955-55-5 EC 931-341-1	STP	24 mg/L	Fresh water	0,0335 mg/L
	Soil	1,02 mg/kg	Marine water	0,00335 mg/L
	Intermittent	0,0335 mg/L	Sediment (Fresh water)	5,24mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,524 mg/kg
Sodium Hypochlorite (% Cl active) <sup>(1)</sup> CAS 7681-52-9 EC 231-665-3	STP	4,69 mg/L	Fresh water	0,00021 mg/L
	Soil	Non-applicable	Marine water	0,000042 mg/L
	Intermittent	Non-applicable	Sediment (Fresh water)	Non-applicable
	Oral	11,11 mg/kg	Sediment (Marine water)	Non-applicable
Sodium Laureth Sulfate CAS 9004-82-4 EC 500-234-8	STP	1 - 10 g/L	Fresh water	52 - 240 µg/L
	Soil	7.5 mg/kg	Marine water	5.2 - 24 µg/L
	Intermittent	71 µg/L	Sediment (Fresh water)	200 - 916.8 µg/kg
	Oral	Non-applicable	Sediment (Marine water)	20 - 91.7 µg/kg

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**AVAKS ANTIBACTERIAL TOILET BLEACH****SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)****8.2 Exposure controls:**

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands Non-applicable

D.- Eye and face protection

Non-applicable

E.- Body protection

Non-applicable

F.- Additional emergency measures

It is not necessary to take additional emergency measures.

**Environmental exposure controls:**

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

**Volatile organic compounds:**

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## AVAKS ANTIBACTERIAL TOILET BLEACH

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

##### Appearance:

Physical state at 20 °C:	Liquid
Appearance:	Transparent
Colour:	Slightly yellowish
Odour:	Characteristic
Odour threshold:	Non-applicable *

##### Volatility:

Boiling point at atmospheric pressure:	100 °C
Vapour pressure at 20 °C:	Non-applicable *
Vapour pressure at 50 °C:	Non-applicable *
Evaporation rate at 20 °C:	Non-applicable *

##### Product description:

Density at 20 °C:	Non-applicable *
Relative density at 20 °C:	1,028 g/cm <sup>3</sup>
Dynamic viscosity at 20 °C:	Non-applicable *
Kinematic viscosity at 20 °C:	Non-applicable *
Kinematic viscosity at 40 °C:	Non-applicable *
Concentration:	Non-applicable *
pH:	9– 10
Vapour density at 20 °C:	Non-applicable *
Partition coefficient n-octanol/water 20 °C:	Non-applicable *
Solubility in water at 20 °C:	Complete in water
Solubility properties:	Non-applicable *
Decomposition temperature:	Non-applicable *
Melting point/freezing point:	Non-applicable *

##### Flammability:

Flash Point:	Non Flammable (>60 °C)
Flammability (solid, gas):	Non-applicable *
Autoignition temperature:	Non-applicable *
Lower flammability limit:	Non-applicable *
Upper flammability limit:	Non-applicable *

##### Particle characteristics:

Median equivalent diameter:	Non-applicable
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#### 9.2 Other information:

##### Information with regard to physical hazard classes:

Explosive properties:	Non-applicable *
Oxidising properties:	Non-applicable *

\*Not relevant due to the nature of the product, not providing information property of its hazards.

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## AVAKS ANTIBACTERIAL TOILET BLEACH

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Corrosive to metals:	Non-applicable *
Heat of combustion:	Non-applicable *
Aerosols-total percentage (by mass) of flammable components:	Non-applicable *
<b>Other safety characteristics:</b>	
Surface tension at 20 °C:	Non-applicable *
Refraction index:	Non-applicable *

\*Not relevant due to the nature of the product, not providing information property of its hazards.

### SECTION 10: STABILITY AND REACTIVITY

#### 10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

#### 10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

#### 10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

#### 10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Precaution	Precaution	Not applicable

#### 10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Avoid direct impact	Precaution	Not applicable	Not applicable

#### 10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

### SECTION 11: TOXICOLOGICAL INFORMATION

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

The experimental information related to the toxicological properties of the product itself is not available

##### Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

##### A- Ingestion (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for consumption. For more information see section 3
- Corrosivity/Irritability: Corrosive product, if it is swallowed causes burns destroying the tissues. For more information about secondary effects from skin contact see section 2.

##### B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Prolonged inhalation of the product is corrosive to mucous membranes and the upper respiratory tract

##### C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Above all, skin contact may occur as fabrics of all thicknesses can be destroyed, resulting in burns. For more information on the secondary effects see section 2.
- Contact with the eyes: Produces serious eye damage after contact.

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**AVAKS ANTIBACTERIAL TOILET BLEACH**

**SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

**D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):**

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.  
IARC: d-limonene (3); propan-2-ol (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**E- Sensitizing effects:**

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**F- Specific target organ toxicity (STOT) - single exposure:**

Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

**G- Specific target organ toxicity (STOT)-repeated exposure:**

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**H- Aspiration hazard:**

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**Other information:**

Non-applicable

**Specific toxicology information on the substances:**

Identification	Acute toxicity		Genus
Sodium Hypochlorite (% Cl active) <sup>(1)</sup> CAS 7681-52-9 EC 231-665-3	LD50 oral	1100 mg/kg	Rat
	LD50 dermal	20000 mg/kg	Rat
	LC50 inhalation	10500mg/m3	
Amines, C12-18(even numbered)- alkyldimethyl, N-oxides Cas 68955-55-5 EC 931-341-1	LD50 oral	846 mg/kg	Rat
	LD50 dermal	2000 mg/kg	
	LC50 inhalation	Non-applicable	
Sodium Laureth Sulfate CAS 9004-82-4 EC 500-234-8	LD50 oral	540 - 4 300 mg/kg	Rat
	LD50 dermal	540 - 2 000 mg/kg	Rat
	LC50 inhalation	Non-applicable	

**11.2 Information on other hazards:**

**Endocrine disrupting properties**

Endocrine-disrupting properties: The product fails to meet the criteria.

**Other information**

Non-applicable

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**SECTION 12: ECOLOGICAL INFORMATION**

The experimental information related to the eco-toxicological properties of the product itself is not available

**12.1 Toxicity:**

**Acute toxicity:**

Identification	Concentration		Species	Genus
Sodium Hypochlorite (% Cl active) <sup>(1)</sup> CAS 7681-52-9 EC 231-665-3	LC50	0,06 mg/L (48 h)		Fish
	EC50	0,141 mg/L (48 h)		Daphnia
	EC50			
Amines, C12-18(even numbered)- alkyldimethyl, N-oxides Cas 68955-55-5 EC 931-341-1	LC50	1.26 mg/L (96 h)		Fish
	EC50	2,4 (48 h)		Daphnia magna
	EC50	0,24 mg/L (72 h)		Algae
Sodium Laureth Sulfate CAS 9004-82-4 EC 500-234-8	LC50	7.1 mg/L (4days)		Fish
	EC50	7.4 mg/L (48h)		Daphnia magna
	EC50	(72 h) 27.7 mg/L		Algae

**SECTION 12: ECOLOGICAL INFORMATION (continued)**

**Chronic toxicity:**

Identification	Concentration		Species	Genus
Sodium Hypochlorite (% Cl active) <sup>(1)</sup> CAS 7681-52-9 EC 231-665-3	NOEC	0,04 mg/L		Fish
	NOEC	0,0021 mg/L		Algae
Amines, C12-18(even numbered)- alkyldimethyl, N-oxides Cas 68955-55-5 EC 931-341-1	NOEC	0,42 mg/L		Fish
	NOEC	0,7 mg/L		Daphnia
Sodium Laureth Sulfate CAS 9004-82-4 EC 500-234-8	NOEC	0,14 – 0,66 mg/L		Fish
	NOEC	0,27 mg/L		Daphnia

**12.2 Persistence and degradability:**

**Substance-specific information:**

Related to contained substances: Amines Oxide: Degradability 90% (28d) (OECD Guideline 301 B)

Readily biodegradable

Regulation (EC) No 648/2004.

**12.3 Bioaccumulative potential:** None known

**12.4 Mobility in soil:** None known

**12.2 Results of PBT and vPvB assessment:**

Product fails to meet PBT/vPvB criteria

**12.3 Endocrine disrupting properties:**

Endocrine-disrupting properties: The product fails to meet the criteria.

**12.4 Other adverse effects:**

Not described

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods:**

Code	Description	Waste class (Regulation (EU) No 1357/2014)
20 01 29*	detergents containing hazardous substances	Dangerous

**Type of waste (Regulation (EU) No 1357/2014):**

**Waste management (disposal and evaluation):**

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**SECTION 13: DISPOSAL CONSIDERATIONS (continued)**

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. Waste should not be disposed of to drains. See paragraph 6.2.

**Regulations related to waste management:**

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

**SECTION 14: TRANSPORT INFORMATION**

**Transport of dangerous goods by land:**

With regard to ADR 2021 and RID 2021:



- 14.1 UN number or ID number:** UN3266
- 14.2 UN proper shipping name:** CORROSIVE LIQUID, BASIC, INORGANIC N.O.S.(Sodium hydroxide, Sodium hypochlorite)
- 14.3 Transport hazard class(es):** 8
- Labels:** 8
- 14.4 Packing group:** 8
- 14.5 Environmental hazards:** III
- 14.6 Special precautions for user** yes
- Special regulations:**
- Tunnel restriction code:** 274
- Physico-Chemical properties:** E
- Limited quantities:** see section 9
- 14.7 Maritime transport in bulk according to IMO instruments:** 1 L

**Transport of dangerous goods by sea:**

With regard to IMDG 40-20:



- 14.1 UN number or ID number:** UN3266
- 14.2 UN proper shipping name:** CORROSIVE LIQUID, BASIC, INORGANIC N.O.S.(Sodium hydroxide, Sodium hypochlorite)
- 14.3 Transport hazard class(es):** 8
- Labels:** 8
- 14.4 Packing group:** 8
- 14.5 Marine pollutant:** III
- 14.6 Special precautions for user** Yes
- Special regulations:**
- EmS Codes:** 274
- Physico-Chemical properties:** F-A, S-B
- Limited quantities:** see section 9
- Segregation group:** 1 L
- 14.7 Maritime transport in bulk according to IMO instruments:** SGG18

**Transport of dangerous goods by air:**

With regard to IATA/ICAO 2023:

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**AVAKS ANTIBACTERIAL TOILET BLEACH**

**SECTION 14: TRANSPORT INFORMATION (continued)**



- 14.1 UN number or ID number:** UN3266
- 14.2 UN proper shipping name:** CORROSIVE LIQUID, BASIC, INORGANIC N.O.S.(Sodium hydroxide, Sodium hypochlorite)8
- 14.3 Transport hazard class(es):** 8  
Labels: 8
- 14.4 Packing group:** III
- 14.5 Environmental hazards:** Yes
- 14.6 Special precautions for user**  
Physico-Chemical properties: see section 9
- 14.7 Maritime transport in bulk according to IMO instruments:** Non-applicable

**SECTION 15: REGULATORY INFORMATION**

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable  
 Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable  
 Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable  
 REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

**Regulation (EC) No 648/2004 on detergents:**

In accordance with this regulation the product complies with the following:

The tensoactives contained in this mixture comply with the biodegradability criteria stipulated in Regulation (EC) n°648/2004 on detergents. The information to prove this is available to the relevant authorities of the Member States and will be shown to them by direct request or the request of a detergent manufacturer.

**Labelling for contents:**

Component	Concentration interval
Non-ionic surfactants, phosphonate, chlorine-based bleaching agents	% (w/w) < 5

**Cleanright (www.cleanright.eu) © A.I.S.E.:**



Keep away from children.



Keep away from eyes. If product gets into eyes rinse thoroughly with water.



Rinse hands after use.

**Seveso III:**

Non-applicable

**Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):**

Shall not be used in:  
 —ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,  
 —tricks and jokes,  
 —games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

**Specific provisions in terms of protecting people or the environment:**

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**AVAKS ANTIBACTERIAL TOILET BLEACH**

**SECTION 15: REGULATORY INFORMATION (continued)**

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

**Other legislation:**

The product could be affected by sectorial legislation

- Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products
- Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents
- Commission Regulation (EC) No 907/2006 of 20 June 2006 amending Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, in order to adapt Annexes III and VII
- Commission Regulation (EC) No 551/2009 of 25 June 2009 amending Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, in order to adapt Annexes V and VI thereto (surfactant derogation)

**15.2 Chemical safety assessment:**

The supplier has not carried out evaluation of chemical safety.

**SECTION 16: OTHER INFORMATION**

**Legislation related to safety data sheets:**

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

**Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:**

CLP Regulation (EC) No 1272/2008 (SECTION 2, SECTION 16):

- Precautionary statements

**Texts of the legislative phrases mentioned in section 2:**

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

**Texts of the legislative phrases mentioned in section 3:**

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

**CLP Regulation (EC) No 1272/2008:**

Eye Dam. 1: H318 - Causes serious eye damage.

Eye Irrit. 2: H319 - Causes serious eye irritation.

Flam. Liq. 2: H225 - Highly flammable liquid and vapour.

Met. Corr. 1: H290 - May be corrosive to metals.

Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.

Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.

Skin Irrit. 2: H315 - Causes skin irritation.

STOT SE 3: H335 - May cause respiratory irritation.

STOT SE 3: H336 - May cause drowsiness or dizziness.

**Classification procedure:**

Skin Corr. 1: Calculation method

Eye Dam. 1: Calculation method

**Advice related to training:**

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

**Principal bibliographical sources:**

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

**Abbreviations and acronyms:**

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## Safety data sheet

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation



### AVAKS ANTIBACTERIAL TOILET BLEACH

#### SECTION 16: OTHER INFORMATION (continued)

ADR: European agreement concerning the international carriage of dangerous goods by road  
IMDG: International maritime dangerous goods code  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organisation  
COD: Chemical Oxygen Demand  
BOD5: 5day biochemical oxygen demand  
BCF: Bioconcentration factor  
LD50: Lethal Dose 50  
LC50: Lethal Concentration 50  
EC50: Effective concentration 50  
LogPOW: Octanolwater partition coefficient  
Koc: Partition coefficient of organic carbon  
UFI: unique formula identifier  
IARC: International Agency for Research on Cancer

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- End of safety data sheet-