

Spektra Sanitol

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	21.11.2023	MAT000412243	Date of first issue: 21.11.2023
		LT/EN	

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

1.1 Product identifier

Trade name	: Spektra Sanitol
Product code	: 41224331
Unique Formula Identifier (UFI)	: AM61-90TM-6007-K94G

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

Use of the Sub- stance/Mixture	: SU19Building and construction work
stance/mixture	, PROC10, PROC11 Professional and consumer use of coat- ings, Roller application or brushing, Non industrial spraying
	PC9a Coatings and paints, thinners, paint removers

1.3 Details of the supplier of the safety data sheet

Company	:	Helios TBLUS d.o.o. Količevo 65 1230 Domžale Slovenia
Telephone Company	:	386 (1) 722 4383
Telefax Company	:	386 (1) 722 4310
Responsible/issuing person	:	386 (1) 722 4383 productsafety@helios.si

1.4 Emergency telephone number

(+370 5) 2362052 APSINUODIJIMŲ KONTROLĖS IR INFORMACIJOS BIURAS, SVEIKATOS APSAUGOS MINISTERIJOS (+370 5) 2362052

(+370 5) 236 2091 VšĮ Vilniaus greitosios pagalbos universitetinės ligoninės Ūmių apsinuodijimų sk (+370 5) 236 2091

112 Skubi pagalba 112

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Skin irritation, Category 2	H315: Causes skin irritation.
Serious eye damage, Category 1	H318: Causes serious eye damage.



Spektra Sanitol

/ersion 1.0	Revision Date: 21.11.2023	SDS Number MAT0004122 LT/EN	
Short gory 2	-term (acute) aquati 1	c hazard, Cate-	H400: Very toxic to aquatic life.
Long-	Long-term (chronic) aquatic hazard, Cat- egory 1		H410: Very toxic to aquatic life with long lasting effects.
2.2 Label	elements		
	Iling (REGULATION rd pictograms	N (EC) No 1272	2008)
Signa	l word	: Dange	r V
Haza	rd statements	: H315 H318 H410	Causes skin irritation. Causes serious eye damage. Very toxic to aquatic life with long lasting effects.
Preca	uutionary statements	P101 label at P102	If medical advice is needed, have product container or t hand. Keep out of reach of children.
		Prever	ntion:
		P273 P280	Avoid release to the environment. Wear protective gloves/ eye protection/ face protection
		Respo	nse:
		ter for s	P351 + P338 IF IN EYES: Rinse cautiously with waseveral minutes. Remove contact lenses, if present and do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physi-
		cian. P391	Collect spillage.
		Dispos	sal:
		P501 disposa	Dispose of contents/ container to an approved waste al plant.

Hazardous components which must be listed on the label:

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides

2.3 Other hazards

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.

Ecological information: 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.

Toxicological information: 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.



Spektra Sanitol

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	21.11.2023	MAT000412243	Date of first issue: 21.11.2023
		LT/EN	

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Waterborne paint

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Quaternary ammonium com- pounds, benzyl-C12-C16 alkyl- dimethyl, chlorides	68424-85-1 270-325-2 01-2119983287-23	Acute Tox. 4; H302 Skin Corr. 1B; H314 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 10	>= 3 - < 5

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	:	Do not leave the victim unattended.
If inhaled	:	If breathed in, move person into fresh air.
In case of skin contact	:	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes.
In case of eye contact	:	IF IN EYES: 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.
If swallowed	:	Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
4.2 Most important symptoms a	and e	ffects, both acute and delayed
Risks	:	Causes skin irritation. Causes serious eye damage.

Causes skin irritation. Causes serious eye damage.



Spektra Sanitol

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	21.11.2023	MAT000412243	Date of first issue: 21.11.2023
		LT/EN	

4.3 Indication of any 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 cir- cumstances and the surrounding environment. Use water spray, alcohol-resistant foam, dry chemical or car- bon dioxide.
5.2 Special hazards arising from	the	e substance or mixture
Hazardous combustion prod- ucts	:	No hazardous combustion products are known
5.3 Advice for firefighters		
Special protective equipment for firefighters	:	Wear self-contained breathing apparatus for firefighting if nec- essary.
Further information	:	The product itself does not burn. Standard procedure for chemical fires. Use a water spray to cool fully closed containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, prote Personal precautions	 ctive equipment and emergency procedures Avoid contact with skin and eyes. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so.
6.2 Environmental precautions	
Environmental precautions	: Prevent product from entering drains.
6.3 Methods and material for co	ntainment and cleaning up
Methods for cleaning up	 Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.
6.4 Reference to other sections	
For disposal considerations see s	ection 13., For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Do not breathe vapours/dust.

according to Regulation (EC) No. 1907/2006



Spektra Sanitol

Versio 1.0	ion	Revision Date: 21.11.2023		Number: 000412243 N	Date of last issue: - Date of first issue: 21.11.2023	
Advice on protection against : fire and explosion		Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the ap- plication area. To avoid spills during handling keep bottle on a metal tray. Dispose of rinse water in accordance with local and national regulations. Normal measures for preventive fire protection.				
Hygiene measures		:	When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.			
7.2 C	onditio	ons for safe storag	ge, inc	luding any incompatibilities		
Requirements for storage areas and containers		:	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully re- sealed and kept upright to prevent leakage. Electrical instal tions / working materials must comply with the technological safety standards.			
ŀ	Advice	on common storag	e :	No materials to be e	especially mentioned.	
	Further age sta	information on stor bility	- :	No decomposition if	stored and applied as directed.	
7.3 Specific end use(s)						
Specific use(s)		:	Consult the technica stance/mixture.	al guidelines for the use of this sub-		

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Personal protective equipment						
Eye/face protection :	Eye wash bottle with pure water Tightly fitting safety goggles Wear face-shield and protective suit for abnormal processing problems.					
Hand protection						
Remarks :	The suitability for a specific workplace should be discussed with the producers of the protective gloves.					
Skin and body protection :	Impervious clothing Choose body protection according to the amount and con- centration of the dangerous substance at the work place.					
Respiratory protection :	No personal respiratory protective equipment normally re- quired.					
Environmental exposure controls						
Water :	The product should not be allowed to enter drains, water					

: The product should not be allowed to enter drains, water

according to Regulation (EC) No. 1907/2006



Spektra Sanitol

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	21.11.2023	MAT000412243 LT/EN	Date of first issue: 21.11.2023

courses or the soil.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state Colour Odour Odour Threshold	:	liquid colourless No information available. No data available
Melting point/freezing point	:	No data available
Boiling point/boiling range	:	No data available
Flammability	:	Not applicable
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	Not applicable
рН	:	7 - 9 Concentration: 100 %
Viscosity Viscosity, kinematic	:	> 20,5 mm2/s (40 °C)
Solubility(ies) Water solubility Solubility in other solvents	:	completely miscible No data available
Partition coefficient: n-	:	No data available
octanol/water Vapour pressure	:	No data available
Density	:	1,0 - 1,1 g/cm3
9.2 Other information Explosives	:	Not applicable
Oxidizing properties	:	No data available
Evaporation rate	:	No data available



Spektra Sanitol

Version 1.0	Revision Date: 21.11.2023	SDS Number: MAT000412243 LT/EN	Date of last issue: - Date of first issue: 21.11.2023
		LI/EN	

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions	: No decomposition if stored and applied as directed.
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10.4 Conditions to avoid

Conditions to avoid : No data available

10.5 Incompatible materials

Materials to avoid

Incompatible with oxidizing agents. Incompatible with strong acids and bases.

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

:

SECTION 11: Toxicological information

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

Acute toxicity Not classified based on available information.					
Product: Acute oral toxicity	: Acute toxicity estimate: > 2.000 mg/kg Method: Calculation method				
Components:					
Quaternary ammonium con Acute oral toxicity	 hpounds, benzyl-C12-16-alkyldimethyl, chlorides: Assessment: The component/mixture is moderately toxic after single ingestion. 				
Skin corrosion/irritation Causes skin irritation.					
<u>Product:</u> Remarks	: Extremely corrosive and destructive to tissue.				
Components:					
Quaternary ammonium con	npounds, benzyl-C12-16-alkyldimethyl, chlorides:				

Result : Corrosive after 3 minutes to 1 hour of exposure



Spektra Sanitol

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	21.11.2023	MAT000412243 LT/EN	Date of first issue: 21.11.2023

Serious eye damage/eye irritation

Causes serious eye damage.

Product:

Remarks

: May cause irreversible eye damage.

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment

: 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.

Further information

Product:

Remarks :		No data available
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Spektra Sanitol

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	21.11.2023	MAT000412243 LT/EN	Date of first issue: 21.11.2023

SECTION 12: Ecological information

12.1 Toxicity

Components:

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides:Toxicity to fish:LC50 (Fish): >= 0,85 mg/l Exposure time: 96 h				
Toxicity to daphnia and other aquatic invertebrates	:	LC50 (Daphnia (water flea)): >= 0,02 mg/l Exposure time: 48 h		
Toxicity to algae/aquatic plants	:	LC50 (algae): >= 0,08 mg/l Exposure time: 96 h		
M-Factor (Acute aquatic tox- icity)	:	10		
Toxicity to daphnia and other aquatic invertebrates (Chron- ic toxicity)		0,0125 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea)		
Ecotoxicology Assessment				
Acute aquatic toxicity	:	Very toxic to aquatic life.		
Chronic aquatic toxicity	:	Very toxic to aquatic life with long lasting effects.		

12.2 Persistence and degradability

Components:

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides:

Biodegradability	:	Result: rapidly degradable Kinetic: 28 d: 95,5 % Mathed: OECD Test Quideline 2018
		Method: OECD Test Guideline 301B

12.3 Bioaccumulative potential

Components:

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides: Partition coefficient: n- : log Pow: 2,75 (20 °C) octanol/water

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

according to Regulation (EC) No. 1907/2006

Spektra Sanitol



Version 1.0	Revision Date: 21.11.2023	SDS Num MAT0004 LT/EN		
Assessment		to b ver	s substance/mixture contains no components considered e either persistent, bioaccumulative and toxic (PBT), or / persistent and very bioaccumulative (vPvB) at levels of % or higher.	
12.6 En	docrine disrupting p	operties		
Pro	duct:			
Assessment :		ere RE (EL	The substance/mixture does not contain components consid- ered 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.	
12.7 Oth	er adverse effects			
	<u>duct:</u> litional ecological info ion	unp	environmental hazard cannot be excluded in the event of rofessional handling or disposal. y toxic to aquatic life with long lasting effects.	

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	:	The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemi- cal or used container. Send to a licensed waste management company.
Contaminated packaging	:	Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.
Waste Code	:	08 01 20, aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19

SECTION 14: Transport information

14.1 UN number or ID number

ADN	: UN 3082
ADR	: UN 3082
RID	: UN 3082
IMDG	: UN 3082
ΙΑΤΑ	: UN 3082

according to Regulation (EC) No. 1907/2006



Spektra Sanitol

Version 1.0	21.11.2023	SDS Number: MAT000412243 LT/EN		Date of last issue: - Date of first issue: 21.11.2023
14.2 UN p	proper shipping name	•		
ADN		:	N.O.S.	ENTALLY HAZARDOUS SUBSTANCE, LIQUID, ammonium compounds, benzyl-C12-16- , chlorides)
ADR		:	N.O.S.	ENTALLY HAZARDOUS SUBSTANCE, LIQUID, ammonium compounds, benzyl-C12-16- , chlorides)
RID		:	N.O.S.	ENTALLY HAZARDOUS SUBSTANCE, LIQUID, ammonium compounds, benzyl-C12-16- , chlorides)
IMDO	3	:	N.O.S.	ENTALLY HAZARDOUS SUBSTANCE, LIQUID, ammonium compounds, benzyl-C12-16- , chlorides)
ΙΑΤΑ		:		ally hazardous substance, liquid, n.o.s. ammonium compounds, benzyl-C12-16- , chlorides)
14.3 Tran	sport hazard class(es	s)		
			Class	Subsidiary risks
ADN		:	9	
ADR		:	9	
RID		:	9	
IMDO	3	:	9	
ΙΑΤΑ	L Contraction of the second seco	:	9	
14.4 Pack	king group			
Class	ing group sification Code ard Identification Numbe	: : er : :	III M6 90 9	
Class Haza Labe	ing group sification Code ard Identification Numbe	: er : :	III M6 90 9 (-)	
Class	ing group sification Code ard Identification Numbo Is	: : er : :	III M6 90 9	

according to Regulation (EC) No. 1907/2006



Spektra Sanitol

Ver 1.0	sion	Revision Date: 21.11.2023	SDS Number: MAT000412243 LT/EN		Date of last issue: - Date of first issue: 21.11.2023
	IMDG Packing Labels EmS C	g group ode	:	III 9 F-A, S-F	
	aircraft Packing	g instruction (cargo) g instruction (LQ)	:	964 Y964 III	
	Labels	g group	:	III Miscellaneous	
	Packing ger airc Packing	Passenger) g instruction (passe craft) g instruction (LQ) g group	n- : : :	964 Y964 III Miscellaneous	
14.5	14.5 Environmental hazards				
	ADN Enviror	nmentally hazardous	s :	yes	
	ADR Enviror	nmentally hazardous	s :	yes	
	RID Enviror	nmentally hazardous	s :	yes	
	IMDG Marine	pollutant	:	yes	
	•	Passenger) Imentally hazardous	s :	yes	
	IATA (Enviror	Cargo) Imentally hazardous	s :	yes	
110	C C nooia	l procestione for			

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

1

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) Conditions of restriction for the following entries should be considered: Number on list 3



Spektra Sanitol

Version 1.0	Revision Date: 21.11.2023	SDS Number: MAT000412243 LT/EN	Date of last issue: - Date of first issue: 21.11.2023	
Cor	cern for Authorisation	of Substances of Very High (Article 59). /2009 on substances that de-	: Not applicable - : Not applicable	
plet Reg tant	e the ozone layer julation (EU) 2019/102 s (recast)	21 on persistent organic pollu	I- : Not applicable	
mei of d	nt and the Council con angerous chemicals	2012 of the European Parlia- cerning the export and impor es subject to authorisation	: Not applicable rt : Not applicable	
(An	nex XIV) eso III: Directive 2012		ENVIRONMENTAL HAZARDS	
con	n Parliament and of th trol of major-accident gerous substances.			
Vola	atile organic compoun		U of 24 November 2010 on industrial ed pollution prevention and control)	

15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance.

SECTION 16: Other information

Full text of H-Statements

Full text of other abbreviations				
H410	:	Very toxic to aquatic life with long lasting effects.		
H400	:	Very toxic to aquatic life.		
H318	:	Causes serious eye damage.		
H314	:	Causes severe skin burns and eye damage.		
H302	:	Harmful if swallowed.		

Acute Tox.	:	Acute toxicity
Aquatic Acute	:	Short-term (acute) aquatic hazard
Aquatic Chronic	:	Long-term (chronic) aquatic hazard
Eye Dam.	:	Serious eye damage
Skin Corr.	:	Skin corrosion

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - 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 La-



Spektra Sanitol

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	21.11.2023	MAT000412243 LT/EN	Date of first issue: 21.11.2023

boratory 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

Further information

Classification of the	mixture:	Classification procedure:
Skin Irrit. 2	H315	Calculation method
Eye Dam. 1	H318	Calculation method
Aquatic Acute 1	H400	Calculation method
Aquatic Chronic 1	H410	Calculation method

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.