

HELIOS SPEKTRA EXTRA

Version	Revision Date:	SDS Number:	Date of last issue: 28.11.2023
1.1	12.11.2025	MATOGA00_042 GE/EN	Date of first issue: 28.11.2023

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Identification of chemical products****Name**

Technical	Coatings and paints, thinners, paint removers. HELIOS SPEKTRA EXTRA
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Chemical (according to IUPAC)	No data available
Commercial	HELIOS SPEKTRA EXTRA

Synonyms

The complete designation of a standardization document or an information-technical document**Identification codes of products in accordance with the laws of the state**

OKPD2-code

VNTED code (HS Code)

Recommended use of the chemical and restrictions on use

Recommended use	Building and construction work Professional and consumer use of coatings Roller application or brushing Non industrial spraying Coatings and paints, thinners, paint removers
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Details of the supplier of the safety data sheet

Company	: KANSAI HELIOS Slovenija d.o.o. Količevo 65 Domžale 1230 Slovenia
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Telephone	: 386 (1) 722 4383
Telefax	: 386 (1) 722 4310
E-mail address Responsible/issuing person	: 386 (1) 722 4383 productsafety@kansai-helios.si

Emergency telephone number

Ambulance: 112

2. HAZARDS IDENTIFICATION**2.1 Hazard level of chemical products in general [data on the hazard classification as set forth in GOST 12.1.007 and GHS (GOST 32419, GOST 32423, GOST 32424, GOST 32425)].**

Classification according to GOST

12.1.007-76

GHS Classification

Additional hazards not stipulated in None known.

SAFETY DATA SHEET



HELIOS SPEKTRA EXTRA

Version 1.1 Revision Date: 12.11.2025 SDS Number: MATOGA00_042 GE/EN Date of last issue: 28.11.2023
Date of first issue: 28.11.2023

GOST 32419

2.2 Data on safety marking as per GOST 31340

Signal word

Hazard symbols (signs)

Hazard statements (H-phrases) None known.

Precautionary statements (P-phrases)

Additional information

Precautionary statements : P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Data on the product as a whole

Chemical name (according to IUPAC nomenclature), if applicable
Chemical formula, if applicable

General characteristic of the composition (with account of the product range of a specific grade; production method) Waterborne paint

CAS-No. Not Assigned

3.2 Components

Chemical name	CAS-No.	EC-No.	Concentration (% w/w)	MAC value mg/m ³ / TSEL value	Hazard class
(Z)-9-Octadecen-1-ol ethoxylated	9004-98-2	500-016-2	>= 0,1 - < 0,25	No data available	

4. FIRST AID MEASURES

4.1 Symptoms observed

In case of poisoning via inhalation

In case of contact with skin

In case of contact with eyes

HELIOS SPEKTRA EXTRA

Version	Revision Date:	SDS Number:	Date of last issue: 28.11.2023
1.1	12.11.2025	MAT0GA00_042 GE/EN	Date of first issue: 28.11.2023

In case of poisoning via ingestion (if swallowed)

4.2 First aid measures for injured persons

In case of poisoning via inhalation	If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of contact with skin	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes.
In case of contact with eyes	Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.
In case of poisoning via ingestion (if swallowed)	Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

Contraindications

Additional information:

General advice	Do not leave the victim unattended.
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Hazards

Treatment	Treat symptomatically.
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5. FIREFIGHTING MEASURES**5.1 General characteristic of fire and explosion hazard (as per GOST 12.1.044)****5.2 Fire and explosion hazard indices of chemical products (range of indices as per GOST 12.1.044)**

Flash point : Not applicable

Flammability (solid, gas) : Not applicable

5.3 Products of combustion and/or thermal destruction and the hazard they cause

No hazardous combustion products are known
Do not allow run-off from fire fighting to enter drains or water courses.

5.4 Recommended fire-extinguishing means

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

HELIOS SPEKTRA EXTRA

Version	Revision Date:	SDS Number:	Date of last issue: 28.11.2023
1.1	12.11.2025	MATOGA00_042 GE/EN	Date of first issue: 28.11.2023

5.5 Prohibited fire-extinguishing means**5.6 Actions in case of fire**

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

5.7 Fire-extinguishing specifics**6. ACCIDENTAL RELEASE MEASURES****6.1 Measures to prevent harmful effects on people, environment, buildings, constructions and others in case of an accident and emergency**

General actions required to be taken in accidents and emergencies

Do not flush into surface water or sanitary sewer system.
Prevent further leakage or spillage if safe to do so.

Personal protective equipment in emergency situations (PPE of emergency teams)

Avoid contact with skin and eyes.
Special protective equipment for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

6.2 Procedure of actions for liquidation of accidents and emergencies

Actions in case of leaks, spills, spread (including the response measures and environmental precautions)

Wipe up with absorbent material (e.g. cloth, fleece).
Keep in suitable, closed containers for disposal.
Prevent product from entering drains.
If the product contaminates rivers and lakes or drains inform respective authorities.

7. HANDLING AND STORAGE**7.1 Safety measures for handling of the chemical product**

Systems of engineering safety measures (including the organization of local and general ventilation, requirements for electrical equipment, measures to eliminate static electricity)

For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
General industrial hygiene practice.
Normal measures for preventive fire protection.

Environmental protection measures

Guidelines for safe transfer and transportation

7.2 Storage rules of chemical products

Storage terms and conditions (including the substances and materials being incompatible during storage)

Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Electrical installations / working materials must comply with the technological safety standards.
Storage stability:

HELIOS SPEKTRA EXTRA

Version	Revision Date:	SDS Number:	Date of last issue: 28.11.2023
1.1	12.11.2025	MAT0GA00_042 GE/EN	Date of first issue: 28.11.2023

Materials to avoid: No materials to be especially mentioned.
Remarks: No decomposition if stored and applied as directed.

Packaging (including the materials from which it is made)

Safety measures and storage rules in household use

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Working zone parameters which need to be monitored in a mandatory manner (TLVs or SRLI in the working zone air), in accordance with the requirements of the country(ies) in the market of which the products are in circulation

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

8.3 Personal protective equipment for the personnel

Respiratory protection : No personal respiratory protective equipment normally required.
Special protective clothes : Protective suit
Hand protection means

Remarks : Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

Eye protection means : Equipment should conform to EN 166

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state (including the state of aggregation) : liquid
liquid
Colour : in accordance with the product description
Odour : No information available.
Odour Threshold : No data available
Melting point/freezing point : 0,0 °C(calculation method (principal components, lowest value))
Initial boiling point/boiling point/boiling range : 100 °C(calculation method (principal components, lowest value))
pH : No data available

Viscosity

HELIOS SPEKTRA EXTRA

Version	Revision Date:	SDS Number:	Date of last issue: 28.11.2023
1.1	12.11.2025	MATOGA00_042 GE/EN	Date of first issue: 28.11.2023

Viscosity, kinematic	:	> 20,5 mm ² /s (40 °C)
Solubility		
Water solubility	:	completely miscible
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Density and / or relative density	:	1,50 - 1,57 g/cm ³
Relative density	:	0,95 (calculation method (principal components, highest value))
VOC	:	(Directive 2004/42/EC) 22 g/l

10. STABILITY AND REACTIVITY

10.1 Chemical stability (indicate dangerous decomposition products for unstable products)	:	No decomposition if stored and applied as directed. No hazardous decomposition products are known.
10.2 Reactivity	:	No decomposition if stored and applied as directed.
10.3 Conditions to be avoided (including hazardous manifestations in contact with incompatible substances and materials)	:	No data available Incompatible materials: Incompatible with strong acids and bases. Possibility of hazardous reactions: Stable under recommended storage conditions. No hazards to be specially mentioned.

11. TOXICOLOGICAL INFORMATION

11.1 General characteristic of exposure (hazard level (toxicity) assessment on the body and the most characteristic manifestations of hazard)

11.2 Routes of exposure (inhalation, ingestion, skin and eye contact) No data available

11.3 Target organs, tissues and systems of a human body No data available

11.4 Data on health hazards in case of direct contact with products, as well as consequences of such an impact (irritating action on the upper respiratory tract, eyes, skin; skin-resorptive and sensitizing action)

Skin corrosion/irritation

Not classified based on available information.

HELIOS SPEKTRA EXTRA

Version 1.1 Revision Date: 12.11.2025 SDS Number: MAT0GA00_042
GE/EN Date of last issue: 28.11.2023 Date of first issue: 28.11.2023

Components:

(Z)-9-Octadecen-1-ol ethoxylated:

Result : irritating

Serious eye damage/eye irritation

Not classified based on available information.

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

11.5 Data on hazardous long-term effects of products exposure to an organism (impact on the reproductive system, carcinogenicity, mutagenicity, cumulativity and other chronic effects)

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 - repeated exposure

Not classified based on available information.

11.6 Acute toxicity indices [LD50, exposure route (intragastrically, epidermally), animal species; LC50, exposure time (h), animal species]

Acute toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Further information

Product:

Remarks : No data available

12. ECOLOGICAL INFORMATION

12.1 General characteristic of the impact on environmental objects (atmospheric air, water bodies, soils, including observed signs of impact)

12.2 Routes of environmental impact

HELIOS SPEKTRA EXTRA

Version	Revision Date:	SDS Number:	Date of last issue: 28.11.2023
1.1	12.11.2025	MATOGA00_042 GE/EN	Date of first issue: 28.11.2023

12.3 Most important characteristics of environmental impact

Ecotoxicity indices [LC, EC, NOEC and others for fish (96 h), daphnia (48 h), algae (72 or 96 h) and others]

Components:**(Z)-9-Octadecen-1-ol ethoxylated:****Ecotoxicology Assessment**

Acute aquatic toxicity : Very toxic to aquatic life.

Migration and transformation in the environment due to biodegradation and other processes (oxidation, hydrolysis, etc.)

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects**Product:**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Harmful to aquatic life with long lasting effects.

13. DISPOSAL CONSIDERATIONS

13.1 Safety measures for handling the wastes to be generated in the use, storage, transportation Waste handling measures are similar to those provided for the handling of the basic product (see Sections 7, 8)

13.2 Data on the places and methods of neutralization, disposal, burial or destruction of product wastes, including packaging The product should not be allowed to enter drains, water courses or the soil.
Empty containers should be taken to an approved waste handling site for recycling or disposal.

13.3 Guidelines for the disposal of wastes to be generated in the household use of products

14. TRANSPORT INFORMATION

14.1 UN number **UNRTDG:** Not regulated as a dangerous good
IMDG: Not regulated as a dangerous good
IATA: Not regulated as a dangerous good

14.2 Proper shipping and transport names **UNRTDG:** Not regulated as a dangerous good
IMDG: Not regulated as a dangerous good

HELIOS SPEKTRA EXTRA

Version	Revision Date:	SDS Number:	Date of last issue: 28.11.2023
1.1	12.11.2025	MATOGA00_042 GE/EN	Date of first issue: 28.11.2023

IATA: Not regulated as a dangerous good

14.3 Applicable modes of transport

The product is transported by all means of transport in accordance with the cargo transportation rules that are valid for this means of transport

14.4 Hazard classification of goods as per GOST 19433

No information available.

14.5 Hazard classification of goods (including the group of packing)

UNRTDG: Not regulated as a dangerous good
IMDG: Not regulated as a dangerous good
IATA (Cargo): Not regulated as a dangerous good
IATA (Passenger): Not regulated as a dangerous good

15. REGULATORY INFORMATION**15.1 National laws**

No information available.

Data on the documentation regulating the requirements for the health and environmental protection

No information available.

15.2 International conventions and agreements (whether the product is regulated by the Montreal Protocol, Stockholm Convention, etc.)**16. OTHER INFORMATION****16.1 Data on the SDS edition (re-edition) (where the following is indicated: "SDS was developed for the first time" or "SDS was re-edited. Previous identification data of the SDS ...")**

Revision Date:	SDS Number:	Date of last issue: 28.11.2023
12.11.2025	MATOGA00_042	Date of first issue: 28.11.2023

16.2 List of data sources used for compiling the safety data sheet**Full text of other abbreviations**

Aquatic Acute : Short-term (acute) aquatic hazard
 Skin Irrit. : Skin irritation

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; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); 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 con-

HELIOS SPEKTRA EXTRA

Version	Revision Date:	SDS Number:	Date of last issue: 28.11.2023
1.1	12.11.2025	MAT0GA00_042 GE/EN	Date of first issue: 28.11.2023

centration; 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; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Material codes (bulk) for 479335 , 479336, 479337
which the SDS is valid

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