

# SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by  
UK REACH Regulations SI 2019/758



## SPEKTRA SUPER

|         |                |                       |                                 |
|---------|----------------|-----------------------|---------------------------------|
| Version | Revision Date: | SDS Number:           | Date of last issue: 05.05.2023  |
| 2.0     | 05.06.2024     | MAT000479338<br>GB/EN | Date of first issue: 05.06.2020 |

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

#### 1.1 Product identifier

Trade name : SPEKTRA SUPER

Product code : 47933806

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

Use of the Sub-  
stance/Mixture : Building and construction work  
Professional and consumer use of coatings, Roller application  
or brushing, Non industrial spraying  
Coatings and paints, thinners, paint removers

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

Company : KANSAI HELIOS Slovenija 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@kansai-helios.si

#### 1.4 Emergency telephone number

Call 999 (or 112) for emergency medical attention

professionals only: National Poison Information Service (NPIS) 24h national number 0844 892  
0111

consumer: National Health Service (NHS) 24h national number, England & Scotland 111

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK  
SI 2019/720, and UK SI 2020/1567)**

Not a hazardous substance or mixture.

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### 2.2 Label elements

**Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)**

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required

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

#### Additional Labelling

### 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.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical nature : Waterborne paint

#### Components

| Chemical name   | CAS-No.<br>EC-No.<br>Index-No.<br>Registration number      | Classification   | Concentration<br>(% w/w) |
|---|--|--|--------------------------|
| 1,2-benzisothiazol-3(2H)-one  | 2634-33-5<br>220-120-9<br>613-088-00-6<br>01-2120761540-60 | Acute Tox. 4; H302<br>Skin Irrit. 2; H315<br>Eye Dam. 1; H318<br>Skin Sens. 1; H317<br>Aquatic Acute 1;<br>H400<br>Aquatic Chronic 2;<br>H411<br><br>specific concentration limit<br>Skin Sens. 1; H317<br>>= 0,05 % | >= 0,0025 - < 0,025      |
| mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | 55965-84-9<br>613-167-00-5<br>01-2120764691-48             | Acute Tox. 3; H301<br>Acute Tox. 2; H330<br>Acute Tox. 2; H310<br>Skin Corr. 1C;<br>H314   | >= 0,0002 - < 0,0015     |

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|  |   |  |              |
|--|---|--|--------------|
|  |   | Eye Dam. 1; H318<br>Aquatic Acute 1;<br>H400<br>Aquatic Chronic 1;<br>H410<br><hr/> M-Factor (Acute aquatic toxicity):<br>100<br>M-Factor (Chronic aquatic toxicity):<br>100<br><hr/> specific concentration limit<br>Skin Corr. 1C;<br>H314<br>>= 0,6 %<br>Skin Irrit. 2; H315<br>0,06 - < 0,6 %<br>Eye Irrit. 2; H319<br>0,06 - < 0,6 %<br>Skin Sens. 1A;<br>H317<br>>= 0,0015 %<br>Eye Dam. 1; H318<br>>= 0,6 % |              |
| Substances with a workplace exposure limit : |   |  |              |
| calcium carbonate                            | 471-34-1<br>207-439-9<br>01-2119486795-18   |  | >= 30 - < 50 |
| titanium dioxide                             | 13463-67-7<br>236-675-5<br>01-2119489379-17 |  | >= 1 - < 10  |
| Limestone                                    | 1317-65-3<br>215-279-6<br>EXEMPTED          |  | >= 1 - < 10  |
| talc   | 14807-96-6<br>238-877-9<br>01-2120140278-58 |  | >= 1 - < 10  |

For explanation of abbreviations see section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

General advice : Do not leave the victim unattended.

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- |                         |   |   |
|-------------------------|---|---|
| If inhaled              | : | If unconscious, place in recovery position and seek medical advice.<br>If symptoms persist, call a physician.   |
| In case of skin contact | : | In case of contact, immediately flush skin with plenty of water.<br>Remove contaminated clothing and shoes.   |
| In case of eye contact  | : | Remove contact lenses.<br>Protect unharmed eye.<br>If eye irritation persists, consult a specialist.  |
| If swallowed            | : | Keep respiratory tract clear.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician. |

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

None known.

### 4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

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

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

Specific hazards during fire-fighting : Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : No hazardous combustion products are known

### 5.3 Advice for firefighters

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must

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be disposed of in accordance with local regulations.

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### SECTION 6: Accidental release measures

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

Personal precautions : 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.  
If the product contaminates rivers and lakes or drains inform  
respective authorities.

#### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the ap-  
plication area.

Advice on protection against : Normal measures for preventive fire protection.  
fire and explosion

Hygiene measures : General industrial hygiene practice.

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

Requirements for storage : Containers which are opened must be carefully resealed and  
areas and containers kept upright to prevent leakage. Electrical installations / work-  
ing materials must comply with the technological safety stand-  
ards.

Advice on common storage : No materials to be especially mentioned.

Further information on stor- : No decomposition if stored and applied as directed.  
age stability

#### 7.3 Specific end use(s)

Specific use(s) : For further information, refer to the product technical data  
sheet.

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Consult the technical guidelines for the use of this substance/mixture.

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Occupational Exposure Limits

| Components                                   | CAS-No.    | Value type (Form of exposure) | Control parameters    | Basis      |
|--|------------|-------------------------------|-----------------------|------------|
| Calcium carbonate                            | 471-34-1   | TWA (inhalable dust)          | 10 mg/m <sup>3</sup>  | GB EH40    |
|  |            | TWA (Respirable dust)         | 4 mg/m <sup>3</sup>   | GB EH40    |
| titanium dioxide                             | 13463-67-7 | TWA (inhalable dust)          | 10 mg/m <sup>3</sup>  | GB EH40    |
|  |            | TWA (Respirable dust)         | 4 mg/m <sup>3</sup>   | GB EH40    |
| Limestone                                    | 1317-65-3  | TWA (inhalable dust)          | 10 mg/m <sup>3</sup>  | GB EH40    |
|  |            | TWA (Respirable dust)         | 4 mg/m <sup>3</sup>   | GB EH40    |
| Talc   | 14807-96-6 | TWA (Respirable dust)         | 1 mg/m <sup>3</sup>   | GB EH40    |
|  |            | TWA (Respirable dust)         | 0,1 mg/m <sup>3</sup> | 2004/37/EC |
| Further information: Carcinogens or mutagens |            |                               |                       |            |

##### Derived No Effect Level (DNEL):

according to Regulation (EC) No. 1907/2006

| Substance name    | End Use   | Exposure routes | Potential health effects   | Value                   |
|-------------------|-----------|-----------------|----------------------------|-------------------------|
| Calcium carbonate | Workers   | Inhalation      | Long-term local effects    | 4,26 mg/m <sup>3</sup>  |
|                   | Consumers | Inhalation      | Long-term local effects    | 1,06 mg/m <sup>3</sup>  |
| titanium dioxide  | Workers   | Inhalation      | Long-term local effects    | 10 mg/m <sup>3</sup>    |
|                   | Consumers | Oral            | Long-term systemic effects | 700 mg/kg bw/day        |
| Talc              | Workers   | Inhalation      | Acute systemic effects     | 2,16 mg/m <sup>3</sup>  |
|                   | Workers   | Inhalation      | Acute local effects        | 3,6 mg/m <sup>3</sup>   |
|                   | Consumers | Inhalation      | Acute systemic effects     | 1,08 mg/m <sup>3</sup>  |
|                   | Consumers | Inhalation      | Acute local effects        | 1,8 mg/m <sup>3</sup>   |
|                   | Consumers | Dermal          | Long-term local effects    | 2,27 mg/cm <sup>2</sup> |

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|   |           |            | ffects                     |                    |
|---|-----------|------------|----------------------------|--------------------|
|   | Workers   | Dermal     | Long-term local effects    | 4,54 mg/cm2        |
|   | Consumers | Oral       | Long-term systemic effects | 160 mg/kg bw/day   |
|   | Consumers | Oral       | Acute systemic effects     | 160 mg/kg bw/day   |
|   | Workers   | Dermal     | Long-term systemic effects | 43,2 mg/kg bw/day  |
|   | Consumers | Dermal     | Long-term systemic effects | 21,6 mg/kg bw/day  |
| 1,2-benzisothiazol-3(2H)-one  | Workers   | Inhalation | Long-term systemic effects | 6,81 mg/m3         |
|   | Workers   | Dermal     | Long-term systemic effects | 0,966 mg/kg bw/day |
|   | Consumers | Inhalation | Long-term systemic effects | 1,2 mg/m3          |
|   | Consumers | Dermal     | Long-term systemic effects | 0,345 mg/kg bw/day |
| reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H - isothiazol-3- one (3:1) | Consumers | Inhalation | Acute local effects        | 0,04 mg/m3         |
|   | Workers   | Inhalation | Long-term local effects    | 0,02 mg/m3         |
|   | Workers   | Inhalation | Acute local effects        | 0,04 mg/m3         |
|   | Consumers | Inhalation | Long-term local effects    | 0,02 mg/m3         |
|   | Consumers | Oral       | Long-term systemic effects | 0,09 mg/kg bw/day  |
|   | Consumers | Oral       | Acute systemic effects     | 0,11 mg/kg bw/day  |

### Predicted No Effect Concentration (PNEC):

according to Regulation (EC) No. 1907/2006

| Substance name    | Environmental Compartment | Value                        |
|-------------------|---------------------------|------------------------------|
| Calcium carbonate | Sewage treatment plant    | 100 mg/l                     |
| titanium dioxide  | Soil                      | 100 mg/kg dry weight (d.w.)  |
|                   | Marine water              | 0,0184 mg/l                  |
|                   | Fresh water               | 0,184 mg/l                   |
|                   | Marine sediment           | 100 mg/kg dry weight (d.w.)  |
|                   | Fresh water sediment      | 1000 mg/kg dry weight (d.w.) |
|                   | Sewage treatment plant    | 100 mg/l                     |
|                   | Intermittent use/release  | 0,193 mg/l                   |
| Talc              | Marine water              | 141,26 mg/l                  |

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|   |                          |                                 |
|---|--------------------------|---------------------------------|
|   | Fresh water              | 597,97 mg/l                     |
|   | Marine sediment          | 3,13 mg/kg dry weight (d.w.)    |
|   | Fresh water sediment     | 31,33 mg/kg dry weight (d.w.)   |
|   | Intermittent use/release | 597,97 mg/l                     |
| 1,2-benzisothiazol-3(2H)-one  | Fresh water              | 0,00403 mg/l                    |
|   | Intermittent use/release | 0,0011 mg/l                     |
|   | Marine water             | 0,000403 mg/l                   |
|   | Sewage treatment plant   | 1,03 mg/l                       |
|   | Fresh water sediment     | 0,0499 mg/kg dry weight (d.w.)  |
|   | Marine sediment          | 0,00499 mg/kg dry weight (d.w.) |
|   | Soil                     | 3 mg/kg dry weight (d.w.)       |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1) | Soil                     | 0,01 mg/kg dry weight (d.w.)    |
|   | Marine water             | 0,00339 mg/l                    |
|   | Fresh water              | 0,00339 mg/l                    |
|   | Marine sediment          | 0,027 mg/kg dry weight (d.w.)   |
|   | Fresh water sediment     | 0,027 mg/kg dry weight (d.w.)   |
|   | Sewage treatment plant   | 0,23 mg/l                       |
|   | Intermittent use/release | 0,00339 mg/l                    |

### 8.2 Exposure controls

#### Personal protective equipment

Eye/face protection

: Equipment should conform to EN 166

Hand protection

Gloves

: Nitrile rubber (> 0,1 mm; < 60 min); ISO EN374 |  
butyl-rubber (> 0,6 mm; < 240 min); ISO EN374 |  
Viton® (> 0,6 mm; < 240 min); ISO EN374 |  
PE laminate (> 0,1 mm; < 240 min); ISO EN374 |

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.

Skin and body protection

: Protective suit

Respiratory protection

: No personal respiratory protective equipment normally required.

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### SECTION 9: Physical and chemical properties

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

|  |   |   |
|--|---|---|
| Appearance                             | : | liquid  |
| Colour                                 | : | in accordance with the product description                          |
| Odour                                  | : | No information available.   |
| Odour Threshold                        | : | No data available   |
| pH                                     | : | No data available   |
| Melting point/freezing point           | : | 0,0 °C<br>(calculation method (principal components, lowest value)) |
| Boiling point/boiling range            | : | 100 °C (calculation method (principal components, lowest value))    |
| Flash point                            | : | Not applicable  |
| Flammability (solid, gas)              | : | Not applicable  |
| Relative density                       | : | 5,50 (calculation method (principal components, highest value))     |
| Density                                | : | 1,64 - 1,68 g/cm <sup>3</sup>                                       |
| Solubility(ies)                        | : |   |
| Water solubility                       | : | completely miscible   |
| Solubility in other solvents           | : | No data available   |
| Partition coefficient: n-octanol/water | : | No data available   |
| Viscosity                              | : |   |
| Viscosity, kinematic                   | : | > 20,5 mm <sup>2</sup> /s (40 °C)                                   |

#### 9.2 Other information

|                   |   |                                 |
|-------------------|---|---------------------------------|
| No data available | : |                                 |
| VOC               | : | (Directive 2004/42/EC)<br>9 g/l |

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### 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.

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### 10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.  
No hazards to be specially mentioned.

### 10.4 Conditions to avoid

Conditions to avoid : No data available

### 10.5 Incompatible materials

Materials to avoid : Incompatible with strong acids and bases.

### 10.6 Hazardous decomposition products

No hazardous decomposition products are known.

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Not classified based on available information.  
Not classified due to lack of data.

#### Components:

##### 1,2-benzisothiazol-3(2H)-one:

Acute oral toxicity : Assessment: The component/mixture is moderately toxic after single ingestion.

##### Limestone:

Acute inhalation toxicity : Assessment: The substance or mixture has no acute inhalation toxicity

#### Skin corrosion/irritation

Not classified based on available information.  
Not classified due to lack of data.

#### Components:

##### 1,2-benzisothiazol-3(2H)-one:

Result : irritating

#### Serious eye damage/eye irritation

Not classified based on available information.  
Not classified due to lack of data.

#### Components:

##### 1,2-benzisothiazol-3(2H)-one:

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Result : Corrosive

### Respiratory or skin sensitisation

#### Skin sensitisation

Not classified based on available information.

#### Skin sensitisation

Not classified due to lack of data.

#### Respiratory sensitisation

Not classified based on available information.

#### Respiratory sensitisation

Not classified due to lack of data.

### Components:

#### 1,2-benzisothiazol-3(2H)-one:

Result : Probability or evidence of skin sensitisation in humans

### Germ cell mutagenicity

Not classified based on available information.

Not classified due to lack of data.

### Carcinogenicity

Not classified based on available information.

Not classified due to lack of data.

### Reproductive toxicity

Not classified based on available information.

Not classified due to lack of data.

### STOT - single exposure

Not classified based on available information.

Not classified due to lack of data.

### STOT - repeated exposure

Not classified based on available information.

Not classified due to lack of data.

### Aspiration toxicity

Not classified based on available information.

Not classified due to lack of data.

### Further information

#### Product:

Remarks : No data available

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### SECTION 12: Ecological information

#### 12.1 Toxicity

##### Components:

##### **1,2-benzisothiazol-3(2H)-one:**

##### **Ecotoxicology Assessment**

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

##### **reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1):**

Toxicity to fish : LC50 (Salvelinus namaycush (lake trout)): >= 10,85 mg/l  
Exposure time: 96 h

Toxicity to algae/aquatic plants : LC50 (algae): >= 0,82 mg/l  
Exposure time: 48 h

LC50 (algae): 0,018 mg/l  
Exposure time: 72 h

M-Factor (Acute aquatic toxicity) : 100

M-Factor (Chronic aquatic toxicity) : 100

#### 12.2 Persistence and degradability

No data available

#### 12.3 Bioaccumulative potential

##### Components:

##### **1,2-benzisothiazol-3(2H)-one:**

Partition coefficient: n-octanol/water : log Pow: 1,3

#### 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.

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### 12.6 Other adverse effects

**Product:**

- Endocrine disrupting potential : This substance/mixture does not contain components considered to have endocrine disrupting properties for environment according to UK REACH Article 57(f).
- 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.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

- Product : The product should not be allowed to enter drains, water courses or the soil.
- Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

## SECTION 14: Transport information

### 14.1 UN number

- ADN : Not regulated as a dangerous good
- ADR : Not regulated as a dangerous good
- RID : Not regulated as a dangerous good
- IMDG : Not regulated as a dangerous good
- IATA : Not regulated as a dangerous good

### 14.2 UN proper shipping name

- ADN : Not regulated as a dangerous good
- ADR : Not regulated as a dangerous good
- RID : Not regulated as a dangerous good
- IMDG : Not regulated as a dangerous good
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### 14.3 Transport hazard class(es)

- ADN : Not regulated as a dangerous good
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**IMDG** : Not regulated as a dangerous good

**IATA** : Not regulated as a dangerous good

### 14.4 Packing group

**ADN** : Not regulated as a dangerous good

**ADR** : Not regulated as a dangerous good

**RID** : 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

### 14.5 Environmental hazards

Not regulated as a dangerous good

### 14.6 Special precautions for user

Not applicable

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

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## SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17) : Not applicable

UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation : Not applicable

The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain) : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

UK REACH List of substances subject to authorisation (Annex XIV) : Not applicable

GB Export and import of hazardous chemicals - Prior Informed Consent (PIC) Regulation : Not applicable

Control of Major Accident Hazards Regulations 2015 (COMAH) : Not applicable

Volatile organic compounds : Directive 2004/42/EC  
Volatile organic compounds (VOC) content: 9 g/l

**Other regulations:**

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According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



## SPEKTRA SUPER

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Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to new and expectant mothers at work contained in Regulation 16 to 18) and of the Pregnant Workers Directive 92/85/EEC.

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive 94/33/EC on the protection of young people at work.

### 15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance.

## SECTION 16: Other information

### Full text of H-Statements

|      |   |
|------|---|
| H301 | : Toxic if swallowed.                                   |
| H302 | : Harmful if swallowed.                                 |
| H310 | : Fatal in contact with skin.                           |
| H314 | : Causes severe skin burns and eye damage.              |
| H315 | : Causes skin irritation.                               |
| H317 | : May cause an allergic skin reaction.                  |
| H318 | : Causes serious eye damage.                            |
| H330 | : Fatal if inhaled.                                     |
| H400 | : Very toxic to aquatic life.                           |
| H410 | : Very toxic to aquatic life with long lasting effects. |
| H411 | : Toxic to aquatic life with long lasting effects.      |

### Full text of other abbreviations

|                  |   |
|------------------|---|
| 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  |
| Skin Irrit.      | : Skin irritation   |
| Skin Sens.       | : Skin sensitisation  |
| 2004/37/EC       | : Europe. Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens or mutagens at work |
| GB EH40          | : UK. EH40 WEL - Workplace Exposure Limits  |
| 2004/37/EC / TWA | : Long term exposure limit  |
| GB EH40 / TWA    | : Long-term exposure limit (8-hour TWA reference period)  |

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-

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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; 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

### Further information

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.