

# SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006



Product name: 9110 X11 Spectrum Lite

Creation date: 19.03.2024, Revision: 17.03.2025, Version: 8.1

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

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### 1.1 Product identifier

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**Product name**

9110 X11 Spectrum Lite

**UFI:**

4NWS-6AGA-F00R-M7N8



<https://my.chemius.net/p/k1lm3q/en/pd/en>

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

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**Relevant identified uses**

No information.

**Uses advised against**

No information.

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

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**Manufacturer**

SILCO d.o.o.  
Sentrupert 5a  
3303 Gomilsko, Slovenia  
+386 3 703 3180  
msds@silco.si

### 1.4 Emergency Telephone Number

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**Emergency**

111

**Manufacturer**

112

## Section 2: Hazards identification

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### 2.1 Classification of the substance or mixture

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**Classification according to Regulation (EC) No 1272/2008 (CLP)**

Flam. Liq. 3; H226 Flammable liquid and vapour.  
STOT SE 3; H336 May cause drowsiness or dizziness.  
Aquatic Chronic 3; H412 Harmful to aquatic life with long lasting effects.

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## 2.2 Label elements

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**Labelling according to Regulation (EC) No 1272/2008 (CLP)**



### Signal word: **WARNING**

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

EUH066 Repeated exposure may cause skin dryness or cracking.

EUH208 Contains Mixture of sterically composed sebacates, ethylene bis(3-mercaptopropionate), reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate, ethylene di(S-tioacetate). May produce an allergic reaction.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P240 Ground and bond container and receiving equipment.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container in accordance with national regulation.

### **Contains:**

n-butyl acetate

## 2.3 Other hazards

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### **PBT/vPvB**

No information.

### **Endocrine disrupting properties**

The product does not contain substances with the potential for endocrine disorders.

### **Additional information**

No information.

## Section 3: Composition/information on ingredients

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### 3.1 Substances

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For mixtures see 3.2.

### 3.2 Mixtures

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Name	CAS EC Index REACH	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Concentration Limits
<b>n-butyl acetate</b>	123-86-4 204-658-1 607-025-00-1	20-25	Flam. Liq. 3; H226 STOT SE 3; H336 EUH066	/
<b>xylene</b>	1330-20-7 215-535-7 601-022-00-9	15-20	Flam. Liq. 3; H226 Acute Tox. 4; H312 Skin Irrit. 2; H315 Acute Tox. 4; H332	/
<b>heptan-2-one</b>	110-43-0 203-767-1 606-024-00-3	2.5-5	Flam. Liq. 3; H226 Acute Tox. 4; H302 Acute Tox. 4; H332	/
<b>1-methoxy-2-propyl acetate</b>	108-65-6 203-603-9 607-195-00-7	2.5-5	Flam. Liq. 3; H226	/
<b>Mixture of sterically composed sebates</b>	- 915-687-0 - 01-2119491304-40	0.1-1	Skin Sens. 1; H317 Aquatic Acute 1; H400; M = 1 Aquatic Chronic 1; H410; M = 1	/
<b>n-butyl acetate</b>	123-86-4 204-658-1 607-025-00-1	0.1-1	Flam. Liq. 3; H226 STOT SE 3; H336 EUH066	/
<b>dibutyltin dilaurate</b>	77-58-7 201-039-8 050-030-00-3	0.1-1	Muta. 2; H341 Repr. 1B; H360FD STOT RE 1; H372 (immune system)	/
<b>ethylene bis(3-mercaptopropionate)</b>	22504-50-3 245-044-3 - 01-2120775145-52	0.01-0.1	Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Sens. 1A; H317 Eye Irrit. 2; H319 Aquatic Acute 1; H400; M = 1 Aquatic Chronic 1; H410; M = 1	/

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Name	CAS EC Index REACH	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Concentration Limits
<b>reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate</b>	- 915-687-0 - 01-2119491304-40	0.01- 0.1	Skin Sens. 1A; H317 Aquatic Acute 1; H400; M = 1 Aquatic Chronic 1; H410; M = 1	/
<b>methyl 2-methylprop-2-enoate</b>	80-62-6 201-297-1 607-035-00-6	0.01- 0.1	Flam. Liq. 2; H225 Skin Irrit. 2; H315 Skin Sens. 1; H317 STOT SE 3; H335	/
<b>2-hydroxyethyl methacrylate</b>	868-77-9 212-782-2 607-124-00-X	0.01- 0.1	Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Irrit. 2; H319	/
<b>ethyl ene di(S-tioacetate)</b>	123-81-9 204-653-4 - 01-2120775150-61	0.01- 0.1	Acute Tox. 4; H302 Skin Sens. 1A; H317 Eye Irrit. 2; H319 Acute Tox. 4; H332 STOT SE 3; H335	/

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Name	CAS EC Index REACH	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Concentration Limits
<b>bis(isopropyl)phthalene</b>	38640-62-9 254-052-6 - 01-2119565150-48	<0.01	Asp. Tox. 1; H304 Aquatic Chronic 1; H410; M = 1	/
<b>pentaerythritol tetraakis(3-mercapto propionate)</b>	7575-23-7 231-472-8 - 01-2119486981-23	<0.01	Acute Tox. 4; H302 Skin Sens. 1A; H317 Aquatic Acute 1; H400; M = 1 Aquatic Chronic 1; H410; M = 1	/
<b>3-mercapto propionate</b>	107-96-0 203-537-0 - 01-2119489443-30	<0.01	Met. Corr. 1; H290 Acute Tox. 3; H301 Skin Corr. 1B; H314 Eye Dam. 1; H318 Acute Tox. 4; H332	/

## Notes for substances

**C** Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers.

In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

**D** Certain substances which are susceptible to spontaneous polymerisation or decomposition are generally placed on the market in a stabilised form. It is in this form that they are listed in Part 3.

However, such substances are sometimes placed on the market in a non-stabilised form. In this case, the supplier must state on the label the name of the substance followed by the words "non-stabilised".

## Section 4: First aid measures

### 4.1 Description of first aid measures

#### General notes

Never give anything by mouth to an unconscious person. Place patient in recovery position and ensure airway patency. When in doubt or if feeling unwell seek medical assistance. Show the safety data sheet and label to the physician.

#### Following inhalation

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Remove patient to fresh air – move out of dangerous area. Obtain professional medical help!

## **Following skin contact**

Take off all contaminated clothing. Areas of the body that have come into contact with the product must be rinsed with water. If symptoms develop and persist, seek medical attention.

## **Following eye contact**

Immediately flush eyes with running water, keeping eyelids apart. If irritation persists, seek professional medical attention.

## **Following ingestion**

Do not induce vomiting! Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Consult a physician! Show the physician the safety data sheet or label.

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

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### **Following inhalation**

Excessive exposure to spray mist, fog, or vapours may cause respiratory irritation. Vapours may cause drowsiness and dizziness.

### **Following skin contact**

Contact with skin may cause irritation (redness, itching). May cause sensitisation by skin contact (itching, redness, rashes). Repeated exposure may cause dry skin or cracked skin.

### **Following eye contact**

Contact with eyes can cause irritation (redness, tearing, pain).

### **Following ingestion**

May cause nausea/vomiting and diarrhea. May cause abdominal discomfort.

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

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Treat symptomatically.

## **Section 5: Firefighting measures**

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### **5.1 Extinguishing media**

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#### **Suitable extinguishing media**

Carbon dioxide. Dry chemical powder. Water spray. Alcohol resistant foam.

#### **Unsuitable extinguishing media**

Full water jet.

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

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#### **Hazardous combustion products**

In case of a fire toxic gases can be generated; do not inhale gases/smoke.

### **5.3 Advice for firefighters**

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#### **Protective actions**

In case of fire or heating do not breathe fumes/vapours. No action shall be taken involving any personal risk or without suitable training. Prolonged heating can cause an explosion. Vapours can form explosive mixtures with air. Cool containers at risk with water spray. If possible remove containers from endangered area.

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## **Special protective equipment for fire-fighters**

Firefighters should wear appropriate protective clothing for firefighters (including helmets, protective boots and gloves) (BS EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (BS EN 137).

## **Additional information**

No information.

## **Section 6: ACCIDENTAL RELEASE MEASURES**

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

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#### **For non-emergency personnel**

##### **Protective equipment**

No information.

##### **Precautionary measures**

Ensure adequate ventilation. Keep away from sources of ignition and/or heat; No smoking!

##### **Emergency procedures**

No action shall be taken involving any personal risk or without suitable training. Prevent access to unprotected personnel. Evacuate the danger zone. Do not breathe vapour or mist. Avoid contact with skin, eyes and clothing.

##### **For emergency responders**

Use personal protective equipment.

### **6.2 Environmental precautions**

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Do not allow product to reach water/drains/sewage systems or permeable soil. In case of release into the environment, inform the relevant authorities.

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

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#### **For containment**

Stem the spill if this does not pose risks.

#### **For cleaning up**

Absorb product (with inert material), collect it in special container and dispose it to a licensed hazardous-waste disposal contractor. Use only explosion-proof instruments and equipment. Use spark-proof tools. Prevent release into the sewer, water, basements or confined areas. Ventilate the premises. Clean contaminated area with plenty of water.

#### **Other information**

No information.

### **6.4 Reference to other sections**

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See also sections 8 and 13.

## **Section 7: Handling and storage**

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### **7.1 Precautions for safe handling**

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## **Protective measures**

### **Measures to prevent fire**

Ensure adequate ventilation. Keep away from sources of ignition - no smoking. Use spark-proof tools. Take precautionary measures against static discharges. Vapours are heavier than air and spread along the floor. They form explosive mixtures with air.

### **Measures to prevent aerosol and dust generation**

Use general or local exhaust ventilation to prevent inhaling vapours and aerosols.

### **Measures to protect the environment**

Do not discharge into drains, surface water and soil. After use immediately close container tightly.

### **Other measures**

No information.

### **Advice on general occupational hygiene**

Use good personal hygiene practices - wash hands at breaks and when done working with material. Do not eat, drink or smoke while working. Do not breathe vapours/mist. Avoid contact with skin, eyes and clothes. Remove contaminated clothes and wash them before reuse. Wear suitable protective equipment; see Section 8.

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

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### **Technical measures and storage conditions**

Keep in a cool, dry and well ventilated place. Protect from open fire, heat and direct sunlight. Keep away from food, drink and animal feeding stuffs. Keep away from oxidising substances. Keep away from sources of ignition - no smoking.

### **Packaging materials**

Store only in original container.

### **Requirements for storage rooms and vessels**

Close opened containers after use. Put the containers upright to prevent from leaking. Do not store in unlabelled containers.

### **Storage temperature**

No information.

### **Storage class**

No information.

### **Further information on storage conditions**

No information.

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

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### **Recommendations**

No information.

### **Industrial sector specific solutions**

No information.

## **Section 8: Exposure controls/personal protection**

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### **8.1 Control parameters**

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#### **Occupational Exposure limit values**



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Name	mg/m <sup>3</sup>	ml/m <sup>3</sup>	Short-term value mg/m <sup>3</sup>	Short-term value ml/m <sup>3</sup>	Remark	Biological Tolerance Values
<b>Xylene, o-,m-,p - or mixed isomers (1330-20-7)</b>	220	50	441	100	Sk, BMGV	650 mmol methyl hippuric acid/mol creatinine in urine - Post shift
<b>1-Methoxypropyl acetate (108-65-6)</b>	274	50	548	100	Sk	/
<b>Butyl acetate (123-86-4)</b>	724	150	966	200	/	/
<b>Heptan-2-one (110-43-0)</b>	237	50	475	100	Sk	/
<b>Methyl methacrylate (80-62-6)</b>	208	50	416	100	/	/

## Information on monitoring procedures

BS EN 14042:2003 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 689:2018 Workplace exposure. Measurement of exposure by inhalation to chemical agents. Strategy for testing compliance with occupational exposure limit values. BS EN 482:2021 Workplace exposure. Procedures for the determination of the concentration of chemical agents. Basic performance requirements.

## DNEL/DNEL values

### For product

No information.

### For components

No information.

## PNEC values

### For product

No information.

### For components

No information.

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## 8.2 Exposure controls

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### Appropriate engineering control

#### Substance/mixture related measures to prevent exposure during identified uses

Use good personal hygiene practices – wash hands at breaks and when done working with material. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothes. Do not eat, drink or smoke while working. Do not breathe vapours/aerosols.

#### Structural measures to prevent exposure

No information.

#### Organisational measures to prevent exposure

Remove all contaminated clothes immediately and wash them before reuse.

#### Technical measures to prevent exposure

Provide good ventilation and local exhaust in areas with increased concentration. Keep away from food, drink and animal feeding stuffs.

### Personal protective equipment

#### Eye and face protection

Safety glasses with side protection (BS EN ISO 16321-1:2022).

#### Hand protection

Protective gloves (EN ISO 374-1:2016). Observe the manufacturer's instructions regarding the use, storage, maintenance and replacement of gloves. In case of damage or at the first signs of wear and tear, change the gloves immediately. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. The penetration time is determined by the protective glove manufacturer and must be observed.

### Appropriate materials

#### Skin protection

Protective antistatic clothing EN 1149 (1:2006, 2:1998 and 3:2004, 5:2008), protective antistatic shoes (EN 20345:2022). At high risk of skin exposure chemical suits (BS EN 13034:2005+A1:2009) and boots may be required (BS EN ISO 20345:2022+A1:2024).

#### Respiratory protection

In case of insufficient ventilation wear suitable respiratory protection. Wear suitable protective breathing mask (EN 136) with filter A2-P2 (EN 14387).

#### Thermal hazards

No information.

### Environmental exposure controls

#### Substance/mixture related measures to prevent exposure

No information.

#### Instruction measures to prevent exposure

No information.

#### Organisational measures to prevent exposure

No information.

#### Technical measures to prevent exposure

Do not allow product to reach drains, sewage systems or ground water.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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## 9.1 Information on basic physical and chemical properties

### Important health, safety and environmental information

Physical state	liquid
Shape	No information.
Colour	colourless
Odour	No information.
Odour threshold	No information.
Melting/freezing point or softening point	No information.
Boiling point or initial boiling point and boiling range	No information.
Flammability	No information.
Lower and upper explosion limit	No information.
Flash point	> 35 °C
Auto-ignition temperature	No information.
Decomposition temperature	No information.
pH	Substance/mixture is non-soluble (in water). Does not apply
Viscosity	No information.
Solubility	No information.
Partition coefficient n-octanol/water (log value)	No information.
Vapour pressure	No information.
Density	1 – 1.04 kg/L at 20 °C
Relative vapour/gas density	No information.
Particle characteristics	No information.

## 9.2 Other information

### Information with regard to physical hazard classes

No information.

### Other safety characteristics

Weight organic solvents	442 g/l (VOC (CH)) 2004/42/EC
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## Section 10: STABILITY AND REACTIVITY

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## 10.1 Reactivity

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No information.

## 10.2 Chemical stability

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Product is stable under normal conditions of use, recommended handling and storage conditions.

## 10.3 Possibility of hazardous reactions

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Vapours and air can form flammable or explosive mixtures.

## 10.4 Conditions to avoid

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Protect from heat, direct sunlight, open fire, sparks.

## 10.5 Incompatible materials

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Oxidants.

## 10.6 Hazardous decomposition products

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Under normal use conditions no hazardous decomposition products are expected. In case of fire/explosion vapours/gases that pose a health hazard are released.

## Section 11: Toxicological information

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

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#### (a) Acute toxicity

No information.

#### Additional information

The product is not classified as acutely toxic.

#### (b) Skin corrosion/irritation

No information.

#### Additional information

The product is not classified as irritating to skin and eyes.

#### (c) Serious eye damage/irritation

No information.

#### (d) Respiratory or skin sensitisation

No information.

#### Additional information

It contains at least one ingredient that can cause sensitisation. Can cause allergic reaction.

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May cause an allergic skin reaction. The product is not classified as sensitising.

**(e) (Germ cell) mutagenicity**

No information.

**(f) Carcinogenicity**

No information.

**(g) Reproductive toxicity**

No information.

**Summary of evaluation of the CMR properties**

The product is not classified as carcinogenic, mutagenic or toxic for reproduction.

**(h) STOT-single exposure**

No information.

**Additional information**

May cause drowsiness or dizziness. STOT SE (single exposure): Not classified.

**(i) STOT-repeated exposure**

No information.

**Additional information**

Repeated exposure may cause skin dryness or cracking. STOT RE (repeated exposure): Not classified.

**(j) Aspiration hazard**

No information.

**Additional information**

Aspiration hazard: Not classified.

**Symptoms related to the physical, chemical and toxicological characteristics**

No information.

**Interactive effects**

No information.

## 11.2 Information on other hazards

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**Endocrine disrupting properties**

The product does not contain substances with the potential for endocrine disorders.

**Other information**

No information.

## Section 12: Ecological information

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### 12.1 Toxicity

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**Acute (short-term) toxicity**

No information.

**Chronic (long-term) toxicity**

No information.

### 12.2 Persistence and degradability

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**Abiotic degradation, physical- and photo-chemical elimination**

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No information.

## **Biodegradation**

No information.

## **12.3 Bioaccumulative potential**

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### **Partition coefficient n-octanol/water (log value)**

No information.

### **Bioconcentration factor (BCF)**

No information.

## **12.4 Mobility in soil**

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### **Known or predicted distribution to environmental compartments**

No information.

### **Surface tension**

No information.

### **Adsorption/Desorption**

No information.

## **12.5 Results of PBT and vPvB assessment**

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No evaluation.

## **12.6 Endocrine disrupting properties**

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The product does not contain substances with the potential for endocrine disorders.

## **12.7 Other adverse effects**

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No information.

## **12.8 Additional information**

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### **For product**

Product is not classified as hazardous for environment. Do not allow to reach ground water, water courses or sewage system.

# **Section 13: Disposal considerations**

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## **13.1 Waste treatment methods**

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### **Product / Packaging disposal**

#### **Waste chemical**

Do not allow product to reach drains/sewage systems. Disposal must be made according to official regulations: deliver it to authorised collector/remover/transformer of hazardous waste.

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## Waste codes / waste designations according to LoW

No information.

## Packaging

Deliver completely emptied containers to approved waste disposal authorities. Uncleaned containers are classified as hazardous waste - they should be handled in the same manner as the contents. Uncleaned containers should not be perforated, cut or welded. Empty containers represent a fire hazard as they may contain flammable product residues and vapours.

## Waste codes / waste designations according to LoW

No information.

## Waste treatment-relevant information

No information.





## Sewage disposal-relevant information

No information.

## Other disposal recommendations

No information.

## Section 14: Transport information

ADR/RID	IMDG	IATA	ADN
<b>14.1 UN number or ID number</b>			
UN 1263	UN 1263	UN 1263	UN 1263
<b>14.2 UN proper shipping name</b>			
PAINT	PAINT	PAINT	PAINT
<b>14.3 Transport hazard class(es)</b>			
3	3	3	3
			
<b>14.4 Packing group</b>			
III	III	III	III
<b>14.5 Environmental hazards</b>			
NO	NO	NO	NO
<b>14.6 Special precautions for user</b>			

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ADR/RID	IMDG	IATA	ADN
Limited quantities 5 L Special provisions 163, 367, 650 Packing Instructions P001, IBC03, LP01, R001 Special packing provisions PP1 Transport category 3 Tunnel restriction code (E) Classification code F1	Limited quantities 5 L EmS F-E, <u>S-E</u> Flash point 35 °C	Limited Quantity, Packing Instructions (Ltd Qty, Pkg Inst) Y344 Limited Quantity, Maximum Net Quantity/Package (Ltd Qty, Max Net Qty/Pkg) 10 L Packing Instructions (Pkg Inst) 355 Maximum Net Quantity/Package (Max Net Qty/Pkg) 25 L Cargo Aircraft Only, Packing Instructions (CAO, Pkg Inst) 366 Special provisions A3, A72, A192 ERG code 3L	Limited quantities 5 L
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	Goods may not be carried in bulk in bulk containers, containers or vehicles.		

## Section 15: Regulatory information

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

- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)(including last amendment Commission Regulation (EU) 2020/878)

- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

#### Information according 2004/42/EC about limitation of emissions of volatile organic compounds (VOC-guideline)

EU limit values and category: B(d2) 420 g/l. VOC Content: 420 g/l

#### Ingredients according to Regulation (EC) No 648/2004 on detergents



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No information.

## **Special instructions**

Observe the regulations on employment and protection against dangerous substances for young people, pregnant women and nursing mothers.

## **15.2 Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## **Section 16: Other information**

### **Indication of changes**

14. Transport information

### **Key literature references and sources for data**

No information.

### **Abbreviations and acronyms**

ATE - Acute Toxicity Estimate

ADR - Agreement concerning the International Carriage of Dangerous Goods by Road

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

CEN - European Committee for Standardisation

C&L - Classification and Labelling

CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008

CAS# - Chemical Abstracts Service number

CMR - Carcinogen, Mutagen, or Reproductive Toxicant

CSA - Chemical Safety Assessment

CSR - Chemical Safety Report

DMEL - Derived Minimal Effect Level

DNEL - Derived No Effect Level

DPD - Dangerous Preparations Directive 1999/45/EC

DSD - Dangerous Substances Directive 67/548/EEC

DU - Downstream User

EC - European Community

ECHA - European Chemicals Agency

EC-Number - EINECS and ELINCS Number (see also EINECS and ELINCS)

EEA - European Economic Area (EU + Iceland, Liechtenstein and Norway)

EEC - European Economic Community

EINECS - European Inventory of Existing Commercial Substances

ELINCS - European List of notified Chemical Substances

EN - European Standard

EQS - Environmental Quality Standard

EU - European Union

Euphrac - European Phrase Catalogue

EWG - European Waste Catalogue (replaced by LoW - see below)

GES - Generic Exposure Scenario

GHS - Globally Harmonized System

IATA - International Air Transport Association

ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air

IMDG - International Maritime Dangerous Goods

IMSBC - International Maritime Solid Bulk Cargoes

IT - Information Technology

# SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006



Product name: **9110 X11 Spectrum Lite**

Creation date: **19.03.2024**, Revision: **17.03.2025**, Version: **8.1**

IUCLID - International Uniform Chemical Information Database  
IUPAC - International Union for Pure Applied Chemistry  
JRC - Joint Research Centre  
Kow - octanol-water partition coefficient  
LC50 - Lethal Concentration to 50 % of a test population  
LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose)  
LE - Legal Entity  
LoW - List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)  
LR - Lead Registrant  
M/I - Manufacturer / Importer  
MS - Member States  
MSDS - Material Safety Data Sheet  
OC - Operational Conditions  
OECD - Organization for Economic Co-operation and Development  
OEL - Occupational Exposure Limit  
OJ - Official Journal  
OR - Only Representative  
OSHA - European Agency for Safety and Health at work  
PBT - Persistent, Bioaccumulative and Toxic substance  
PEC - Predicted Effect Concentration  
PNEC(s) - Predicted No Effect Concentration(s)  
PPE - Personal Protection Equipment  
(Q)SAR - Qualitative Structure Activity Relationship  
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals (Regulation (EC) No 1907/2006)  
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail  
RIP - REACH Implementation Project  
RMM - Risk Management Measure  
SCBA - Self-Contained Breathing Apparatus  
SDS - Safety data sheet  
SIEF - Substance Information Exchange Forum  
SME - Small and Medium sized Enterprises  
STOT - Specific Target Organ Toxicity  
(STOT) RE - Repeated Exposure  
(STOT) SE - Single Exposure  
SVHC - Substances of Very High Concern  
UN - United Nations  
vPvB - Very Persistent and Very Bioaccumulative

## List of relevant H phrases

H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H290 May be corrosive to metals.  
H301 Toxic if swallowed.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful 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.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.

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H341 Suspected of causing genetic defects.

H360FD May damage fertility. May damage the unborn child.

H372 Causes damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.