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

1.1 Product identifier

Substances

Substance name: Rosin EC No.: 232-475-7 CAS No.: 8050-09-7 Index number: 650-015-00-7

REACH registration number:

Approval no.

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

Relevant identified uses

For application to bow hair for string bows

Uses advised against

Not suitable for consumption

Reason for advising against use:

Allergic reactions possible

1.3 Details of the supplier of the safety data sheet Supplier

Musikhaus Kirstein GmbH (Dealer): Bernbeurer Str. 11 86956 Schongau +4988619094940 info@kirstein.de

1.4 Emergency telephone number

Munich Poison Control Center (24 h, Mon. - Sun.): +49 89 19240

SECTION 2: Possible dangers

2.1 Classification of the substance or mixture

| According to Regulation (EC) No. 1272/2008 (CLP) | Classification procedure |
|---|--------------------------|
| Skin sensitization category 1 (Skin Sens. 1), H317 | |

Other information

Full text of codes, hazard statements and EU hazard statements in SECTION 16.

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2.2 Label elements

Labeling according to Regulation (EC) No. 1272/2008 Hazard pictogram/s:



Signal word: Warning

Hazard warnings

H317: May cause an allergic skin reaction.

Safety instructions

P261 Avoid breathing dust/fume/gas/mist/vapours/ spray..

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection

P302+P352 IF ON SKIN: Wash with soap and water.

P333+P313 If skin irritation or a rash occurs: Get medical advice/attention.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with local reqirements.

2.3 Other hazards:

Particles and powders may cause skin irritation due to mechanical abrasion.

Resin dust can ignite on contact with electrostatic discharge or on contact with flames or other ignition sources.

SECTION 3: Composition/information on ingredients

3.1 Substances

| Substance name Rosin | Identification no. Index No.650-015-00-7 EC No. 232-475-7 REACH No. CAS No. 8050-09-7 | Skin sensitization category 1 (Skin Sens. 1), H317 | % by weight/ % by volume 100 % |
|-------------------------|---|--|--------------------------------------|
|-------------------------|---|--|--------------------------------------|

3.2 Mixtures

Not applicable, product is a substance

For the wording of the coded classification and the hazard statements, see section 16.

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SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

After inhalation:

Remove the injured person from the danger zone to fresh air under self-protection.

If breathing is difficult, inhale oxygen.

Keep the injured person calm and protect them from hypothermia.

Provide medical treatment.

As soon as possible, have a glucocorticoid inhalator and let injured person inhale deeply and repeatedly.

After skin contact:

Brush off any dust on the skin.

Remove contaminated clothing, taking care to protect yourself.

Clean affected areas of skin thoroughly under running water with soap.

Never use alcohol, benzine or other solvents.

After extensive contact, in case of irritation or after contamination with hot molten material, always seek medical treatment:

Seek medical treatment.

After eye contact:

Rinse the eye for 10 minutes under running water with the eyelids wide open while protecting the uninjured eye.

Ensure medical treatment.

In case of contact with hot molten material: Rinse the eye for 10 minutes under running water with the eyelids wide open while protecting the uninjured eye, then transport to an ophthalmologist/clinic as soon as possible.

After ingestion:

Rinse out mouth, spit out liquid again.

Drink some water in small sips. Never give edible oils, castor oil, milk or alcohol.

Seek medical treatment.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: Contact dermatitis

Effects: slight irritant effect on eyes and skin, skin sensitizing

4.3 Indication of any immediate medical attention or special treatment needed

Information for the doctor (symptoms, dangers, treatment):

After exposure to dusts, solution aerosols and especially after exposure to vapors/fumes released from heated rosin (e.g. solder fumes), irritative/allergic respiratory disorders and (delayed) skin reactions are to be expected.

If signs of airway irritation or airway obstruction (possibly allergy-related) become noticeable after inhalation of vapors, smoke or aerosols, the use of glucocorticoids (inhaled) is indicated. After oral ingestion of solid products, the application of laxatives was considered sufficient.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Carbon dioxide (CO2), alcohol-resistant foam, water spray. Fight larger fires with water spray or foam

Unsuitable extinguishing media:

Full jet of water

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: Carbon monoxide, carbon dioxide

5.3 Advice for firefighters

Wear self-contained breathing apparatus and full protective suit.

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

General measures: Evacuate uninvolved persons, Ensure adequate ventilation, Avoid contact with eyes and skin

For non-emergency personel:

Protective equipment: use personal protective equipment (see point 8.2)

Measures in case of dust: Do not inhale dust, keep away from sources of ignition.

6.2 Environmental precautions:

Do not allow to enter drains / surface water / ground water.

6.3 Methods and material for containment and cleaning up:

Cleaning method: Pick up mechanically (wipe up, sweep up) and collect in suitable container for disposal, avoid raising dust. In a molten state, first allow to solidify and then pick up.

Other information: Disposal must be carried out in accordance with official regulations.

6.4 Reference to other sections (in the safety data sheet)

Information on safe handling: see section 7, use personal protective equipment: see section 8, further information on disposal: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures:

Measures to prevent fires: Protect from electrostatic charges, use non-sparking tools. Protect from heat. Keep away from sources of ignition.

Measures to prevent aerosol and dust formation: Do not use compressed air to remove dust from surfaces.

Measures to protect the environment:

Do not allow to enter drains / surface water / ground water.

Advice on general occupational hygiene:

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Do not wear contaminated work clothing outside the workplace and wash it before wearing it again. Avoid contact with eyes and skin, avoid dust formation, do not inhale dust

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Store in a well-ventilated place, tightly closed, cool and dry. Keep away from sources of ignition. If dust is present, local exhaust ventilation is recommended.

Storage instructions:

Storage class: 11

Separate storage required for storage class: 1, 5.1A, 6.2, 7

Limited combined storage permitted for storage class: 2A, 3, 4.1A, 4.2, 4.3, 5.1B, 5.1C, 5.2, 6.1A, 6.1B,

6.1C

Combined storage permitted for storage class: 2B, 4.1B, 6.1C, 6.1D, 8A, 8B, 10, 11, 12, 13

Materials to avoid: Keep away from food, drink and animal feeding stuffs. Protect from heat

Further information on storage conditions

Recommended storage temperature: Store between 5 and 30°C

7.3 Specific end use(s):

Recommendations:

No further information available.

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

Occupational exposure limits

| CAS No. EC No. | Type of limit value | Identifier | TWA mg/m³ | STEL mg/m³ | Ceiling-C mg/m³ | Note | Origin (source) |
|--------------------------------|--|------------|--------------|---------------|--------------------|------|--------------------|
| 8050-09-7 | 8050-09-7 Substance: Rosin (rosin) | | | | | | |
| CAS 8050- 09-7 | Occupational exposure limit (general dust limit value) | WEL | 0,05 | 0,15 | | | EH40/2005 |
| Monitoring procedure: TRGS 402 | | | | | | | |

Ceiling-C Ceiling value is a limit value above which exposure should not occur STEL Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15- minute period (unless otherwise specified) TWA Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

DNEL/PNEC values

Substance name: Rosin (rosin) CAS No./ EC No. 8050-09-7 /232-475-7

DNEL Workers

| DNEL Type | DNEL value | Remark |
|--------------------------------------|-------------|--------|
| Long-term - dermal, systemic effects | 2.131 mg/kg | |

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| | KG/day | |
|-------------------------------------|----------------------|--|
| Long-term inhalation, local effects | 10 mg/m ³ | |
| | | |

PNEC

| Environmental protection goal | PNEC value | Remark |
|---|-------------|------------------------------|
| Fresh water | 0.002 mg/l | short-term (single instance) |
| Sea water | 0 mg/l | short-term (single instance) |
| PNEC Sediment, fresh water | 0.007 mg/kg | short-term (single instance) |
| PNEC Sediment, seawater | 0.001 mg/kg | short-term (single instance) |
| PNEC Soil (agricultural) | 0 mg/kg | short-term (single instance) |
| PNEC Microorganisms in sewage treatment plant | 1000 mg/l | short-term (single instance) |

Risk management through control banding procedures

Control banding method: EMKG

a) Skin

| Activity | Capability group | Effective area | Effective duration | Measure level | Protection guide |
|---|------------------|----------------|--------------------|---------------|--------------------------|
| Application to bow hair for string bows | С | Small | Short | minor | See protection guide 120 |
| | | | | | |

b) Inhalation (dust/mist or vapors)

| Activity | Hazard group | Quantity group | Effective duration | Release group | Protection guide |
|---|-----------------|-------------------|--------------------|------------------|--------------------------|
| Application to bow hair for string bows | A | small | short | low | See protection guide 120 |
| | | | | | |

8.2 Exposure controls

Individual protection measures, such as Personal protective equipment

Eye/face protection:

Suitable eye protection: Use safety goggles with side protection

Skin protection:

Hand protection:

Wear suitable protective gloves. A chemical protective glove tested in accordance with EN 374 is suitable. It is recommended to clarify the chemical resistance of the above-mentioned protective

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gloves for special applications with the glove manufacturer. The time specifications are approximate values from measurements at 22 °C and continuous contact. Increased temperatures due to heated substances, body heat etc. and a reduction in the effective layer thickness due to stretching can lead to a considerable reduction in the breakthrough time. If in doubt, contact the manufacturer. If the layer thickness is approx. 1.5 times greater/smaller, the respective breakthrough time is doubled/halved. The data only apply to the pure substance. When transferred to substance mixtures, they should only be regarded as a guide. –

Type of material NBR (nitrile rubber) -

Material thickness >0.11 mm -

Breakthrough time of the glove material >480 minutes (permeation level: 6)

Body protection:

Do not wear contaminated work clothing outside the workplace. Wash contaminated clothing immediately.

Other skin protection measures

Take rest periods to regenerate the skin. Preventive skin protection (protective creams/ointments) is recommended.

Respiratory protection

Respiratory protection is required for: Dust formation. Particle filter device (EN 143). P1 (filters at least 80 % of the airbourne particles, identification color: white). The wearing time limits according to local requirements must be observed.

Environmental exposure controls:

Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | Parameters | Value | Method | Remark |
|----|--|---------------------|---------------|-----------------|
| a) | Physical state | solid | | |
| b) | Colour | yellow-brown | | |
| c) | Odour | Characteristic | | |
| d) | Melting point/freezing point | 66.5°C - | EU Method | ECHA |
| | | 93.4°C at | A1 | |
| | | 1,013 hPa | | |
| e) | Boiling point or initial boiling point and boiling range | >300°C | | |
| f) | Flammability | this material is fl | ammable but v | vill not ignite |
| | | readily | | |
| g) | Lower explosion limit | n.d. | | |
| | Upper explosion limit | | | |
| h) | Flash point | n.d. | | |
| i) | Ignition temperature | n.d. | | |
| j) | Decomposition temperature | 265 °C at 102.4 | | (ECHA) |
| | | kPa | | |
| k) | pH value | n.d. | | |
| I) | Kinematic viscosity | Not relevant | | |
| m) | Solubility in water | 0.9 mg/L at | flask method | (ECHA) |
| | | 20°C. | | |
| n) | Partition coefficient n-octanol/water (log value) | >3-<=6,2 | | (ECHA) |
| o) | Vapor pressure | 0.06 mbar at | EU Method | (ECHA) |
| | | 20°C | A.4 | |
| p) | Density and/or relative density | approx. 1,034 | Pycnometer | (ECHA) |
| | | kg/m³ | method | |

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| q) | Relative vapor density | n.d. | |
|----|--------------------------|------|--|
| r) | Particle characteristics | n.d. | |

^{*} Values refer to n.d. = not determined n.a. = not applicable

9.2 Other information

SECTION 10: Stability and reactivity

10.1 Reactivity

The product as delivered is not dust explosive; however, the accumulation of fine dust leads to a dust explosion hazard.

10.2 Chemical stability

Decomposition possible with prolonged exposure to light.

10.3 Possibility of hazardous reactions

Violent reaction with: strong oxidizing agent, acids

10.4 Conditions to avoid

Protect from heat. Decomposition takes place from temperatures above: 265 °C at 102.4 kPa.

10.5 Incompatible materials

No additional information is available.

10.6 Hazardous decomposition products

Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

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

Relevant toxocological properties:

Animal studies

| Substance Rosin (rosin) CAS-No.8050-09-7 | | | | | | |
|--|---|----------------|---------|--------------------------------------|--------|--|
| Exposure route | End point (LD /LC ₅₀₅₀ / ATE | Value | Species | Method OECD, expert evaluation | Remark | |
| Acute oral toxicity | LD50 | >2000 mg/kg | Rat | | ECHA | |
| Acute dermal toxicity | LD50 | >2000 mg/kg | Rat | | ECHA | |

Results: Is not to be classified as acutely toxic.

Corrosive/irritant effect on the skin

Shall not be classified as skin corrosive/irritant.

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Serious eye damage/irritation

Shall not be classified as seriously damaging or irritating to the eyes.

Sensitization of the respiratory tract or skin

May cause an allergic skin reaction.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic (mutagenic).

Carcinogenicity

Shall not be classified as carcinogenic

.

Reproductive toxicity

Shall not be classified as toxic for reproduction.

Specific target organ toxicity (single exposure) STOT SE 1 and 2

Shall not be classified as specific target organ toxicant (single exposure)

Specific target organ toxicity - repeated exposure STOT SE 1 and 2

Shall not be classified as specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as an aspiration hazard.

11.2 Information on other hazards

No additional information is available.

SECTION 12: Ecological information

12.1 Toxicity

According to 1272/2008/EC: Shall not be classified as hazardous to the aquatic environment.

Short-term (acute) aquatic toxicity

| Acute aquatic to | Acute aquatic toxicity | | | | | | | | |
|------------------|------------------------|---------|--------|-------------------|--|--|--|--|--|
| End point | Value | Species | Source | Exposure duration | | | | | |
| LC50 | 1.7 mg/l | Fish | ECHA | 96 h | | | | | |
| LL50 | <10 mg/l | Fish | ECHA | 96 h | | | | | |
| EL50 | >1000 mg/l | Fish | ECHA | 96 h | | | | | |
| ErC50 | 39.6 mg/l | Algae | ECHA | 72 h | | | | | |
| EC50 | 16.6 mg/l | Algae | ECHA | 72 h | | | | | |

| Chronic aquatic | toxicity | | | |
|-----------------|-------------|----------------|--------|-------------------|
| End point | Value | Species | Source | Exposure duration |
| EC50 | >10000 mg/l | Microorganisms | ECHA | 3 h |

12.2 Persistence and degradability

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| Process | Degradation rate | Time |
|--------------------------|------------------|------|
| Carbon dioxide formation | 80 % | 28 d |
| Oxygen consumption | 71 % | 28 d |

12.3 Bioaccumulative potential

Octanol/water partition coefficient (log Kow) >3 -<=6.2 ECHA The substance fulfills the criterion "very bioaccumulative".

12.4 Mobility in soil

The adsorption coefficient standardized to organic carbon is 3.729 (ECHA)

12.5 Results of the PBT and vPvB assessment

No data is available.

12.6 Endocrine disrupting properties

Not listed

12.7 Other adverse effects

No data is available.

12.8 Other information

No further information available

SECTION 13: Disposal Considerations

13.1 Waste treatment methods

Waste treatment methods

This product and its container must be disposed of as hazardous waste. Dispose of contents/container in accordance with local/regional/national/international regulations.

Sewage disposal

Do not allow to enter drains.

Special precautions for any recommended waste treatment:

Waste must be separated in such a way that it can be treated separately by the municipal or national waste disposal facilities. Please observe the relevant national or regional regulations.

SECTION 14: Transport information

14.1 UN number or ID number

Not subject to transportation regulations

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14.2 UN proper shipping name ADR/RID

Not assigned

IMDG-Code / ICAO-TI / IATA-DGR

Not assigned

14.3 Transport hazard classes

ADR / RID / IMDG-Code / ICAO-TI / IATA-DGR

none

14.4 Packing group

not assigned

14.5 Environmental hazards

Indicators for environmentally hazardous substances

Not hazardous to the environment in accordance with dangerous goods regulations

14.6 Special precautions for the user

No additional information is available.

14.7 Maritime transport in bulk in accordance with IMO instruments

The freight is not transported in bulk.

SECTION 15: Regulatory information

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

EU regulations

Approvals and/or restrictions on use Restrictions according to REACH, Annex XVII

| Restricted substances (REACH, Annex XVII) | | | | |
|---|-----------------------------|-----------|-------------|-----|
| Substance name | Name according to directory | CAS No. | Restriction | No. |
| Rosin | Substances in tattoo colors | 8050-09-7 | R75 | 75 |
| | and permanent make-up | | | |

Legend R75: 1. shall not be placed on the market in mixtures for use for tattooing purposes and mixtures containing such substances shall not be used for tattooing purposes after January 4, 2022, if the substance or substances in question are present in the following circumstances: (a) for substances classified in tattooing purposes after January 4, 2022, if the substance or substances in question are present in the following circumstances: (a) for substances classified in Part 3 of Annex VI to Regulation (EC) No 1272/2008 as carcinogenic substances of category 1A, 1B or 2 or germ cell mutagenic substances of category 1A, 1B or 2, if the concentration of the substance in the mixture is equal to or greater than 0.0005% by weight; b) for substances classified in Part 3 of Annex VI to Regulation (EC) No. 1272/2008 as toxic for reproduction category 1A, 1B or 2, if the concentration of the substance in the mixture is equal to or greater than 0,001 % by weight; d) for substances classified as skin sensitizers category 1, A or 1B in Part 3 of Annex VI to Regulation (EC) No 1272/2008, if the concentration of the substance in the mixture is equal to or greater than 0,001 % by weight; d) for substances classified as skin corrosives in Part 3 of Annex VI to Regulation (EC) No 1272/2008 as skin corrosive category 1A, 1B or 1C, as skin irritant category 2, as serious eye damage category 1 or as eye irritant category 2, if the concentration of the substance in the mixture is (i) at least 0,1 % by weight when used exclusively as a pH regulator and (ii) at least 0,01 % by weight in all other cases; (e) for substances listed in Annex II to Regulation (EC) No 1223/2009 (*1), if the concentration of the substance in the mixture is at least 0,00005 % by weight; f) for substances for which Regulation (EC) No. 1223/2009 Annex IV column g (Type of product, body parts) of the table at least one of the following conditions is indicated: (i) "products to be used in eye least one products applied to mucous membranes." (iii) "not to be used in eye of the following conditions is indicated: (i) "products to be rinsed off", (ii) "not to be used in products applied to mucous membranes", (iii) "not to be used in eye products", if the concentration of the substance in the mixture is equal to or greater than 0,00005 % by weight; (g) for substances for which Regulation (EC) No 1223/2009 Annex IV column h (Maximum concentration in the ready-to-use preparation) or column i (Other) of the table, if the substance is present in the mixture in a concentration or otherwise in the mixture that does not comply with the condition specified in that column; h) for substances listed in Appendix 13 to this Annex, if the substance is present in the mixture in at least the concentration specified as the limit value for that substance in that Appendix. (2) For the purposes of this entry, the use of a mixture "for tattooing purposes" means the injection or introduction of the mixture into the skin, mucous membrane or purposes of this entry, the use of a mixture "for tattooing purposes" means the injection or introduction of the mixture into the skin, mucous membrane or eyeball of an individual by any process (including processes commonly referred to as permanent make-up, cosmetic tattooing, microblading and micropigmentation) with the aim of creating a mark or design on the individual's body. 3. where a substance not listed in Appendix 13 is subject to more than one of the items listed in paragraph 1(a) to (g), the strictest concentration limit laid down under the relevant items shall apply to that substance. If a substance listed in Annex 13 is also subject to at least one of the points referred to in paragraph 1(a) to (g), the concentration limit laid down in paragraph 1(h) shall apply to that substance. (4) By way of derogation, paragraph 1 shall not apply to the following substances until January 4, 2023: (a) Pigment Blue 15:3 (CI 74160, EC No 205-685-1, CAS No 147-14-8); (b) Pigment Green 7 (CI 74260, EC No 215-524-7, CAS No 1328-53-6). 5. if Part 3 of Annex VI to Regulation (EC) No 1272/2008 is amended after 4. If, after January 4, 2021, Part 3 of Annex VI to Regulation (EC) No 1272/2008 is amended by classification or reclassification of a substance so that the substance becomes subject to paragraph 1(a), (b), (c) or (d) of this entry or becomes subject to a different one of those points than

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before, and the date of application of that first classification or reclassification is later than the date specified in paragraph 1 or paragraph 4 of this entry, as appropriate, that amendment shall be treated as taking effect on the date of application of the first classification or reclassification for the purposes of the application of this entry to that substance. 6. if Annex IV to Regulation (EC) No 1223/2009 is amended after a January 4, 2021 by adding a substance or by amending the entry for the substance concerned so that the substance is covered by paragraph 1 (e), (f) or (g) of this entry, or so that it is then covered by a different one of those points than before, and the amendment takes effect after the date specified in paragraph 1 or 4 of this entry, as appropriate, that amendment shall be treated as taking effect 18 months after the date of entry into force of the act making the amendment for the purposes of the application of this entry to the substance concerned. 7s. suppliers placing a mixture on the market for use for tattooing purposes shall ensure that it is labeled after 4 January 2022. Suppliers placing a mixture for use in tattooing or permanent make-up on the market fater January 4, 2022 shall ensure that it is labeled with the following information: a) the words "Mixture for use in tattooing or permanent make-up"; b) a reference number to uniquely identify the batch; c) the list of ingredients according to the nomenclature established in the glossary of common ingredient names referred to in Article 33 of Regulation (EC) No 1223/2009 or, if there is no common ingredient names referred to in Article 33 of Regulation (EC) No 1223/2009 or, if there is no common ingredient name and no IUPAC name, the CAS and EC number. The constituents shall be listed in descending order by weight or volume of constituents at the time of formulation. Ingredient means any substance added during formulation and present in the mixture for use for tattooing purposes. Impurities shall not be considered as ing

List of substances subject to authorization (REACH, Annex XIV)/SVHC - Candidate List: Not listed

Seveso Directive 2012/18/EU (Seveso III)

Not assigned

Decopaint guideline: VOC content: 0.0 % 0.0 g/l

Industrial Emissions Directive (IE Directive)

VOC content: 100 % 1.034 q/l

Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

Not listed

Regulation concerning the establishment of a European Pollutant Release and Transfer Register (PRTR):

Not listed

Water Framework Directive:

Not listed

Regulation on the Marketing and Use of Explosives Precursors:

Not listed

Regulation on drug precursors:

Not listed

Regulation on Substances that Deplete the Ozone Layer (ODS):

Not listed

Regulation on the Export and Import of Dangerous Chemicals (PIC)

Not listed

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Regulation on Persistent Organic Pollutants (POPs):

Not listed

National regulations (GB)

List of substances subject to authorisation (GB REACH, Annex 14) / SVHC - candidate list

Not listed

Restrictions according to GB REACH, Annex 17

Not listed

Other information

Directive 94/33/EC on the protection of young people at work. Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

National directories

| Country | Directory Status | |
|---------|------------------|-----------------------------|
| AU | AIIC | Substance is listed |
| CA | DSL | Substance is listed |
| CN | IECSC | Substance is listed |
| EU | ECSI | Substance is listed |
| EU | REACH Reg. | Substance is listed |
| KR | KECI | Substance is listed |
| MX | INSQ | Substance is listed |
| NZ | NZIoC | Substance is listed |
| PH | PICCS | Substance is listed |
| TR | CICR | Substance is listed |
| TW | TCSI | Substance is listed |
| US | TSCA | Fabric is listed as "ACTIVE |
| | | |

Legend:

AIIC Australian Inventory of Industrial Chemicals

CICR Chemical Inventory and Control Regulation

DSL Domestic Substances List (DSL)

ECSI EC substance inventory (EINECS, ELINCS, NLP)

IECSC Inventory of Existing Chemical Substances Produced or Imported in China

INSQ National Inventory of Chemical Substances

KECI Korea Existing Chemicals Inventory

NZIoC New Zealand Inventory of Chemicals

PICCS Philippine Inventory of Chemicals and Chemical Substances (PICCS)

REACH Reg. REACH registered substances

TCSI Taiwan Chemical Substance Inventory

TSCA Toxic Substance Control Act

15.2 Chemical safety assessment

No chemical safety assessment has been carried out for this substance.

SECTION 16: Other information

16.1 Change notes:

Version 1: Creation date 13.03.2024

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according to Regulation (EC) No. 1907/2006



Product name: Classic Cantabile DBP-110 3/4 Kontrabass

Item number: 00065498

Revised on: 25.04.2024

Version number: 1

Replaces version number:

16.2 Abbreviations and acronyms

| Abbreviation | Description of the abbreviations used |
|--------------|---|
| ADDIEVIATION | Accord européen relatif au transport international des marchandises dangereuses par voies de |
| VDIA | navigation intérieures (European Agreement concerning the International Carriage of Dangerous |
| | Goods by Inland Waterways) |
| ADR | Accord relatif au transport international des marchandises dangereuses par route (Convention |
| | concerning the International Carriage of Dangerous Goods by Road) |
| CAS | Chemical Abstracts Service (database of chemical compounds and their unique key, the CAS Registry Number) |
| CLP | Regulation (EC) No. 1272/2008 on classification, labeling and packaging of substances and mixtures |
| DGR | Dangerous Goods Regulations Regulations for the transportation of dangerous goods, see IATA/DGR |
| DNEL | Derived No-Effect Level (derived exposure level without impairment) |
| EC50 | Effective Concentration 50 % (Effective Concentration 50 %). The EC50 corresponds to the |
| 1 | concentration of a tested substance that changes an effect (e.g. on growth) by 50 % in a given period of time |
| EC no. | The EC Inventory (EINECS, ELINCS and the NLP Inventory) is the source for the seven-digit EC number as an identification number for substances in the EU (European Union) |
| EINECS | European Inventory of Existing Commercial Chemical Substances (European inventory of chemical substances available on the market) |
| EL50 | Effective Loading 50 %: EL50 is the loading rate required to produce an effect in 50% of the test organisms |
| ELINCS | European List of Notified Chemical Substances (European list of notified chemical substances) |
| ErC50 | ≡ EC50: in this method, the concentration of the test substance that leads to a 50 % decrease in either growth (EbC50) or growth rate (ErC50) compared to the control |
| GHS | "Globally Harmonized System of Classification and Labelling of Chemicals" "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations |
| IATA | International Air Transport Association |
| IATA/DGR | Dangerous Goods Regulations (DGR) for the air transport (IATA) (regulations for the transportation of dangerous goods by air) |
| ICAO | International Civil Aviation Organization (international civil aviation organization) |
| IMDG | International Maritime Dangerous Goods Code (international code for the carriage of dangerous goods by sea) |
| Index no. | The index number is the identification code given in Part 3 of Annex VI to Regulation (EC) No 1272/2008 |
| LC50 | Lethal Concentration 50 % (Lethal Concentration 50 %): LC50 is the concentration of a tested substance that leads to 50% lethality in a given period of time |
| LD50 | Lethal Dose 50 % (Lethal Dose 50 %): LD50 is the dose of a tested substance that results in 50% lethality in a given time period |
| LGK | Storage class according to TRGS 510, Germany |
| LL50 | Lethal Loading 50 %: LL50 is the loading rate that leads to a lethality of 50% |
| NLP | No-Longer Polymer (non-longer polymer) |
| PBT | Persistent, Bioaccumulative and Toxic |
| PNEC | Predicted No-Effect Concentration (estimated no-effect concentration) |
| REACH | Registration, Evaluation, Authorization and Restriction of Chemicals (Registration, Evaluation, Authorization and Restriction of Chemicals) |
| RID | Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International Carriage of Dangerous Goods by Rail) |
| SVHC | Substance of Very High Concern |
| TRGS | Technical rules for hazardous substances (Germany) |
| | |
| VOC | Volatile organic compounds (volatile organic compounds) |

16.3 Important literature references and data sources

Regulation (EC) No. 1272/2008 on classification, labeling and packaging of substances and mixtures. Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU.

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according to Regulation (EC) No. 1907/2006



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Transportation of dangerous goods by road, rail or inland waterway (ADR/RID/ADN). International Maritime Dangerous Goods Code (IMDG).

Dangerous Goods Regulations (DGR) for the air transport (IATA) (regulations for the transportation of dangerous goods by air)

16.4 Classification and procedure used to derive the classification of mixtures according to Regulation (EC) No 1272/2008 [CLP]:

Not applicable, product is a substance

16.5 List of relevant hazard statements and/or safety instructions from sections 2 to 15

16.6

Hazard warnings:

H317 May cause an allergic skin reaction

Safety instructions:

P261 Avoid breathing dust/fume/gas/mist/vapours/ spray..

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection

P302+P352 IF ON SKIN: Wash with soap and water.

P333+P313 If skin irritation or a rash occurs: Get medical advice/attention.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with local regirements.

16.7 Training instructions

16.8 Additional notes

Disclaimer

The information in this safety data sheet is based on our best knowledge at the time of revision. The information is intended to provide you with guidelines for the safe handling of the product mentioned in this safety data sheet during storage, processing, transportation and disposal. The information is not transferable to other products. If the product mentioned in this safety data sheet is mixed, blended or processed with other materials or undergoes processing, the information in this safety data sheet cannot be transferred to the new material produced in this way, unless expressly stated otherwise. The substance data mentioned under point 9 is safety-related information, but not a guarantee of properties. Warranties are excluded without clarification of the technical purpose and operating conditions. If you have any further questions, please do not hesitate to contact us.

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