

Safety Data Sheet

451086 451088 451090 451092
451094 451096 451097 451098

According to Regulation (EC) No 1272/2008

Revision no. 3, Effective date: 04.02.2022

Section 1: Identification of the mixture and of the company undertaking

1.1 Product identifiers:

Product name: Royal Oak Rosin.

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

Product use: Applied on musical strings.

Uses advised against: Not relevant.

1.3 Details of Supplier of the safety data sheet:

Company: Larsen Strings A/S
Elholm 6a
DK – 6400 Sønderborg
DENMARK

E-mail: larsenstrings@larsenstrings.com

1.4 Emergency Telephone Number:

These services are only available to health professionals.

Section 2: Hazards identification

2.1 Classification of the substance or mixture:

Classification according the substance or mixture to 1272/2008 CLP:

Acute toxicity, cat. 4: H302, H312, H332

Skin irritation, cat. 2: H315

2.2 Label elements 1272/2008 CLP:

Hazard Pictogram:



(GHS07)

Signal word: Warning

Hazard statements: H302, H312, H332 Harmful if swallowed, in contact with skin, inhaled
H315 May cause skin sensitization

Precautionary statements:

Safety Data Sheet

According to Regulation (EC) No 1272/2008

Revision no. 3, Effective date: 04.02.2022

- P264: Wash hands thoroughly after handling.
- P270: Do not eat, drink or smoke when using this product.
- P301+P312+P330: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.
- P280: Wear protective gloves.
- P302+P352: IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell.
- P332+P313: If skin irritation occurs: Get medical advice/attention.
- P362: Take off contaminated clothing and wash it before reuse.
- P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
- P271: Use only outdoors or in a well-ventilated area.
- P304+P340+P312: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
- P273: Avoid emission to the environment.
- P501: Dispose of contents/container in accordance with local regulations.

2.3 Other hazards:

Resin dust may ignite on contact with electrostatic discharge or exposure to flame or other sources of ignition.

Section 3: Composition / information on ingredients

3.1 Substance/Mixture:

Rosin						
Name	Mol. Weight	CAS-No	EC-No	Index-No	Concentration	Classification
Colophony	-	8050-09-7	232-475-7		99 % - 100 %	

Section 4: First aid measures

4.1 Description of first aid measures:

General information:

Contact a physician. Show this safety data sheet to the doctor in attendance.

Safety Data Sheet

According to Regulation (EC) No 1272/2008

Revision no. 3, Effective date: 04.02.2022

Inhalation:

Remove the exposed person to fresh air. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen.

Skin contact:

Wash exposed area with soap and plenty of water. If irritation persists, seek medical attention.

Eye contact:

Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek medical aid.

Ingestion:

If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

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

No data available.

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

No data available.

Section 5: Fire-fighting measures

5.1 Extinguishing media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Do not use waterjet.

Unsuitable extinguishing media:

No data available.

5.2 Special hazards arising from the substance or mixture:

Carbon oxides, nitrogen oxides (NO_x).

5.3 Advice for fire fighters:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

5.4 Further information:

Use water spray to cool unopened containers. Collect contaminated water separately.

Safety Data Sheet

According to Regulation (EC) No 1272/2008

Revision no. 3, Effective date: 04.02.2022

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Avoid contact with skin and eyes.

6.2 Environmental precautions:

Do not let product enter drains. Avoid discharge into environment.

6.3 Methods and material for containment and cleaning up:

Sweep up and place in suitable (fiberboard) containers for reclamation or later disposal.

6.4 Reference to other sections:

None.

Section 7: Handling and storage

7.1 Precautions for safe handling:

Keep only in original container. Avoid contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a cool, dry, well-ventilated place away from fire ignition sources and strong acids and oxidation agents. Wash thoroughly after handling.

7.3 Specific end use(s):

None.

Section 8: Exposure controls / personal protection

8.1 Control parameters:

Occupational exposure limits TWA:

No data available.

DNEL/PNEC:

No data available.

8.2 Exposure controls:

Appropriate technical measures:

Not necessary.

Safety Data Sheet

According to Regulation (EC) No 1272/2008

Revision no. 3, Effective date: 04.02.2022

General information / Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.

Measure to avoid environmental exposure:

Avoid discharge to lakes, streams, sewers, etc.

Personal protective equipment:

Use work clothes with long sleeves.

Respiratory protection:

Use suitable respiratory protective device in case of insufficient ventilation.

Hand protection:

Use protective gloves: Nitrile rubber gloves (min. 0.2 mm thick).

Nature latex/chloroprene (min. 0.6 mm thick).

Body protection:

Not necessary.

Eye protection:

Use safety glasses.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Color:	Odour:	PH (20° C):	Viscosity:
Solid	Yellowish	Characteristic turpentine	-	-
Flash point:	Boiling point:	Vapour pressure:	Density (20°C):	Melting point:
> 180 °C	-	-	1 – 1,1 g/cm ³	70 - 80 °C
Evaporation rate:	Auto-ignition:	Explosive limits:	Solution in water:	
-	-	Not explosive	Insoluble	

9.2 Other information:

Not oxidizing.

Dust cloud can burn from about 0,015 g/l.

Safety Data Sheet

According to Regulation (EC) No 1272/2008

Revision no. 3, Effective date: 04.02.2022

Section 10: Stability and reactivity

10.1 Reactivity:

Stable.

10.2 Chemical stability:

Stable.

10.3 Possibility of hazardous reactions:

Will not occur.

10.4 Conditions to avoid:

High temperature.

10.5 Incompatible materials:

Strong oxidizing agents.

10.6 Hazardous decomposition products:

CO and CO₂.

Section 11: Toxicological information

11.1 Information on toxicological effects:

Acute toxicology:

No toxicology data.

Skin corrosion/irritation:

May cause irritation.

Serious eye damage/irritation:

May cause irritation.

Respiratory or skin sensitivity:

May cause sensitization and/or an allergic reaction.

Germ cell mutagenicity:

Not classified.

Carcinogenicity:

Not classified.

Reproductive toxicity:

Not classified.

Safety Data Sheet

According to Regulation (EC) No 1272/2008

Revision no. 3, Effective date: 04.02.2022

Specific target organ toxicity – single exposure:

Not classified.

Specific target organ toxicity – repeated exposure:

Not classified. Persons with pre-existing disorders may be more susceptible.

Aspiration hazard:

Not classified.

Additional information:

Not classified.

Section 12: Ecological information

12.1 Ecotoxicity:

Toxicity to fish: No toxic effects determined after 96 hours.

12.2 Persistence and degradability:

The colophony is proved to be readily biodegradable both in laboratory testing and in studies in nature itself.

12.3 Bioaccumulation potential:

No data.

12.4 Mobility in soil:

No data.

12.5 Results of PBT and vPvB assessment:

No data.

12.6 Other adverse effects:

None expected.

Section 13: Disposal considerations

13.1 Waste treatment methods:

Disposal according to the municipal waste regulations.

EWC: 20 01 12

Contaminated packing:

Packaging which contains leftovers from the product must be disposed of in the same way as the product.

Safety Data Sheet

According to Regulation (EC) No 1272/2008

Revision no. 3, Effective date: 04.02.2022

Section 14: Transport information

	ARD/RID	IMDG/IMO
14.1 UN Number:	N/A	N/A
14.2 UN proper shipping names:	N/A	N/A
14.3 Transport hazard class(es):	Goods not dangerous.	Goods not dangerous
14.4 Packing group:	None	None
14.5 Environmental hazard:	No	No
Other information:	None	None
14.6 Special precautions for user:	None	None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	N/A	

Section 15: Regulatory information

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

WGK 1: Low hazard to water.

Additional information:

None.

VOC: N/A

15.2 Chemical Safety Assessment:

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

Section 16: Other information

16.1 Full text of the abbreviations in the safety data sheet:

H302, H312, H332: Harmful if swallowed, in contact with skin, inhaled.

H315: Causes skin irritation.

16.2 Recommended restrictions on use (non-statutory recommendations by supplier):

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this guide is based on the present state of knowledge and applicable to the product with regards to appropriate safety precautions.