## MELOS ROSIN WORLD'SFINEST

Safety Data Sheet complying with Regulation 1907/2006/EC (REACH Regulation, 453/2010/EC and Regulation No 1272/2008/EC

(CLP)

Printing date 22.10.2014

#### Version number 2

Revision: 12.05.2014

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

- · 1.1 Product identifier
- · Trade name: MELOS ROSIN for VIOLIN "light" **MELOS ROSIN for VIOLIN "dark" MELOS ROSIN for VIOLIN "baroque" MELOS ROSIN for VIOLIN "sticky" MELOS ROSIN for VIOLA "light" MELOS ROSIN for VIOLA "dark" MELOS ROSIN for VIOLA "baroque" MELOS ROSIN for CELLO "light"** MELOS ROSIN for CELLO "dark" **MELOS ROSIN for CELLO "baroque" MELOS ROSIN for CELLO "sticky" MELOS ROSIN for BASS "light" MELOS ROSIN for BASS "dark**<sup>2</sup> **MELOS ROSIN for VIOLIN "funny" MELOS ROSIN for CELLO "funny"** MELOS ROSIN for ERHU **MELOS ROSIN powder for VIOLIN MELOS ROSIN powder for CELLO**
- 1.2 Relevant identified uses of the substance or mixture and uses advised against No relevant identified uses-mixture of substances.
- · Application of the substance / the mixture Rosin for violin, viola, cello and bass
- · 1.3 Details of the supplier of the safety data sheet

• Manufacturer/Supplier: MELOS ROSIN Verginas 6, 54250 Thessaloniki-Greece Tel. & Fax +30 2310 318274 e-mail: melosros@melosrosin.gr

• 1.4 Emergency telephone number:

National Poisoning Center

Emergency telephone number: 112

### **SECTION 2: Hazards identification**

#### · 2.1 Classification of the substance or mixture

- · Classification according to Directive 67/548/EEC or Directive 1999/45/EC
  - Xi; Sensitising
- R43: May cause sensitisation by skin contact.

#### · Classification system:

The product is classified according to European Directive 99/45/EC and its amendments.

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	MELOS ROSIN for VIOLIN "sticky"
	MELOS ROSIN for VIOLA "light"
	MELOS ROSIN for VIOLA "dark"
	MELOS ROSIN for VIOLA "baroque"
	MELOS ROSIN for CELLO "light"
	MELOS ROSIN for CELLO "dark"
	MELOS ROSIN for CELLO "baroque"
	MELOS ROSIN for CELLO "sticky"
	MELOS ROSIN for BASS "light"
	MELOS ROSIN for BASS "dark"
	MELOS ROSIN for VIOLIN "funny"
	MELOS ROSIN for CELLO "funny"
	MELOS ROSIN for ERHU
	MELOS ROSIN powder for VIOLIN
	MELOS ROSIN powder for CELLO

· 2.2 Label elements

#### · Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

### · Code letter and hazard designation of product:



Xi Irritant

- Hazard-determining components of labelling: Rosin
- · Risk phrases:

43 May cause sensitisation by skin contact.

#### · Safety phrases:

- 2 Keep out of the reach of children.
- 24 Avoid contact with skin.
- 37 Wear suitable gloves.

46 If swallowed, seek medical advice immediately and show this container or label.

- · 2.3 Other hazards
- · Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

#### **SECTION 3: Composition/information on ingredients**

· 3.2 Chemical characterization: Mixtures

• Description: Mixture of substances listed below with nonhazardous additions.

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MELOS ROSIN for VIOLA "light"
MELOS ROSIN for VIOLA "dark"
MELOS ROSIN for VIOLA "baroque"
MELOS ROSIN for CELLO "light"
MELOS ROSIN for CELLO "dark"
MELOS ROSIN for CELLO "baroque"
MELOS ROSIN for CELLO "sticky"
MELOS ROSIN for BASS "light"
MELOS ROSIN for BASS "dark"
MELOS ROSIN for VIOLIN "funny"
MELOS ROSIN for CELLO "funny"
MELOS ROSIN for ERHU
MELOS ROSIN powder for VIOLIN
MELOS ROSIN powder for CELLO

· Dangerous components:		
CAS: 8050-09-7	Rosin	50-100%
EINECS: 232-475-7	🗙 Xi R43	
Index number: 650-015-00-7 Reg.nr.: 01-2119480418-32-XXXX	◆ Skin Sens. 1, H317	
CAS: 108-31-6	maleic anhydride	0.3-<1%
EINECS: 203-571-6	🔁 C R34; 🗙 Xn R22; 🗙 Xn R42/43	
Index number: 607-096-00-9	♦ Resp. Sens. 1, H334; ♦ Skin Corr. 1B, H314; ↑ Acute Tox. 4, H302; Skin Sens. 1, H317	

### **SECTION 4: First aid measures**

#### · 4.1 Description of first aid measures

• General information:

Take affected persons out into the fresh air.

- Seek immediate medical advice.
- After inhalation: Seek medical treatment in case of complaints.
- After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

• After eye contact:

Rinse opened eye for at least 15 minutes under running water. If symptoms persist, consult a doctor.

· After swallowing:

Drink plenty of water and provide fresh air. Call for a doctor immediately. Seek immediate medical advice.

• **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

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MELOS DOSINI for VIOLINI "horogra"
MELOS ROSIN for VIOLIN "baroque"
<b>MELOS ROSIN for VIOLIN "sticky"</b>
MELOS ROSIN for VIOLA "light"
<b>MELOS ROSIN for VIOLA "dark"</b>
MELOS ROSIN for VIOLA "baroque"
MELOS ROSIN for CELLO "light"
MELOS ROSIN for CELLO "dark"
MELOS ROSIN for CELLO "baroque"
MELOS ROSIN for CELLO "sticky"
MELOS ROSIN for BASS "light"
MELOS ROSIN for BASS "dark"
MELOS ROSIN for VIOLIN "funny"
MELOS ROSIN for CELLO "funny"
MELOS ROSIN for ERHU
MELOS ROSIN powder for VIOLIN
MELOS ROSIN powder for CELLO

#### • **4.3 Indication of any immediate medical attention and special treatment needed** Treat according to patient reactions.

#### **SECTION 5: Firefighting measures**

- · 5.1 Extinguishing media
- · Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray.

- 5.2 Special hazards arising from the substance or mixture
- No further relevant information available.
- 5.3 Advice for firefighters
- Protective equipment:

Use of protective clothes and respiratory device is being recommended in case of fire.

· Additional information Keep adjacent containers cool by spraying with water.

#### **SECTION 6: Accidental release measures**

• 6.1 Personal precautions, protective equipment and emergency procedures Avoid contact with spilled material.

Keep away from ignition sources.

Avoid contact with skin and eyes.

- 6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- 6.3 Methods and material for containment and cleaning up: Pick up mechanically.
- · 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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MELOS ROSIN for VIOLIN "sticky"
MELOS ROSIN for VIOLA "light"
MELOS ROSIN for VIOLA "dark"
MELOS ROSIN for VIOLA "baroque"
MELOS ROSIN for CELLO "light"
MELOS ROSIN for CELLO "dark"
MELOS ROSIN for CELLO "baroque"
MELOS ROSIN for CELLO "sticky"
MELOS ROSIN for BASS "light"
MELOS ROSIN for BASS "dark"
MELOS ROSIN for VIOLIN "funny"
MELOS ROSIN for CELLO "funny"
MELOS ROSIN for ERHU
MELOS ROSIN powder for VIOLIN
MELOS ROSIN powder for CELLO

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#### **SECTION 7: Handling and storage**

· 7.1 Precautions for safe handling Avoid contact with skin, eyes and clothing.

- · Information about fire and explosion protection: No special measures required.
- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: Store in a cool location.
- · Information about storage in one common storage facility: Not required.

· Further information about storage conditions:

- Store in cool, dry conditions in well sealed receptacles.
- 7.3 Specific end use(s) No further relevant information available.

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

· 8.1 Control parameters

· Ingredients with limit values that require monitoring at the workplace:

8050-09-7 Rosin

WEL Short-term value: 0.15 mg/m<sup>3</sup> Long-term value: 0.05 mg/m<sup>3</sup> Sen

#### 108-31-6 maleic anhydride

WEL Short-term value: 3 mg/m<sup>3</sup> Long-term value: 1 mg/m<sup>3</sup> Sen

· Additional information: The lists valid during the making were used as basis.

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Ν	IELOS ROSIN for VIOLIN "baroque"
	IELOS ROSIN for VIOLIN "sticky"
Ν	IELOS ROSIN for VIOLA "light"
	IELOS ROSIN for VIOLA "dark"
Ν	IELOS ROSIN for VIOLA "baroque"
	IELOS ROSIN for CELLO "light"
Ν	IELOS ROSIN for CELLO "dark"
Ν	<b>IELOS ROSIN for CELLO "baroque"</b>
Ν	IELOS ROSIN for CELLO "sticky"
Ν	IELOS ROSIN for BASS "light"
Ν	IELOS ROSIN for BASS "dark"
Ν	IELOS ROSIN for VIOLIN "funny"
Ν	IELOS ROSIN for CELLO "funny"
Ν	IELOS ROSIN for ERHU
Ν	IELOS ROSIN powder for VIOLIN
Ν	1ELOS ROSIN powder for CELLO

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- · 8.2 Exposure controls
- · Personal protective equipment:
- · General protective and hygienic measures:

Wash hands before breaks and at the end of work.

- Avoid contact with the eyes and skin.
- · Respiratory protection:
- If worker exposure is likely to exceed work exposure levels, wear a respiratory device.
- Protection of hands:



Protective gloves

### · Material of gloves

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.

• Penetration time of glove material

The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

• Eye protection:



Safety glasses

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	MELOS ROSIN for VIOLIN "sticky"
	MELOS ROSIN for VIOLA "light"
	MELOS ROSIN for VIOLA "dark"
	MELOS ROSIN for VIOLA "baroque"
	MELOS ROSIN for CELLO "light"
	MELOS ROSIN for CELLO "dark"
	MELOS ROSIN for CELLO "baroque"
	MELOS ROSIN for CELLO "sticky"
	MELOS ROSIN for BASS "light"
	MELOS ROSIN for BASS "dark"
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	MELOS ROSIN for CELLO "funny"
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· Body protection:



Protective work clothing

9.1 Information on basic physical	and chemical properties
General Information	
Appearance:	
Form:	Solid
Colour:	Amber
Odour:	Mild
Odour threshold:	Not determined
pH value:	Not applicable
Melting point/Melting range:	Not determined
<b>Boiling point/Boiling range:</b>	Not determined
Flash point:	Not applicable
Flammability (solid, gaseous):	Not determined
Ignition temperature:	Not determined
Decomposition temperature:	Not determined
Self-igniting:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard.

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MELOS ROSIN for VIOLA "dark"
MELOS ROSIN for VIOLA "baroque"
MELOS ROSIN for CELLO "light"
MELOS ROSIN for CELLO "dark"
MELOS ROSIN for CELLO "baroque"
MELOS ROSIN for CELLO "sticky"
MELOS ROSIN for BASS "light"
MELOS ROSIN for BASS "dark"
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Explosion limits:	
Lower:	Not determined
Upper:	Not determined
Vapour pressure:	Not applicable
Density:	
Relative density	Not determined
Vapour density	Not applicable
<b>Evaporation rate</b>	Not applicable
Solubility in / Miscibility with	
water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/wa	iter): Not determined
Viscosity:	
Dynamic:	Not applicable
Kinematic:	Not applicable
9.2 Other information	No further relevant information available.

## **SECTION 10: Stability and reactivity**

· 10.1 Reactivity

· 10.2 Chemical stability

• Thermal decomposition / conditions to be avoided: Stable at environment temperature.

· 10.3 Possibility of hazardous reactions No dangerous reactions known.

· 10.4 Conditions to avoid No further relevant information available.

• 10.5 Incompatible materials: No further relevant information available.

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MELOS ROSIN for CELLO "light"
MELOS ROSIN for CELLO "dark"
MELOS ROSIN for CELLO "baroque"
MELOS ROSIN for CELLO "sticky"
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MELOS ROSIN for BASS "dark"
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• 10.6 Hazardous decomposition products: No dangerous decomposition products known.

#### **SECTION 11: Toxicological information**

- · 11.1 Information on toxicological effects
- · Acute toxicity:
- Primary irritant effect:
- on the skin: No irritating effect.
- on the eye: No irritating effect.
- · Sensitization:
- Sensitization possible through skin contact.

Sensitizing effect by skin contact is possible by prolonged exposure.

#### **SECTION 12: Ecological information**

- · 12.1 Toxicity
- · Aquatic toxicity: No further relevant information available.
- 12.2 Persistence and degradability No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- 12.4 Mobility in soil No further relevant information available.
- · 12.5 Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- 12.6 Other adverse effects No further relevant information available.

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MELOS ROSIN for VIOLA "dark"	
MELOS ROSIN for VIOLA "baroque"	
MELOS ROSIN for CELLO "light"	
MELOS ROSIN for CELLO "dark"	
MELOS ROSIN for CELLO "baroque"	
MELOS ROSIN for CELLO "sticky"	
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#### **SECTION 13: Disposal considerations**

- · 13.1 Waste treatment methods
- · Recommendation



Dispose according to National Regulations.



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

## · Uncleaned packaging:

• Recommendation: Disposal must be made according to official regulations.

· 14.1 UN-Number		
· ADR, ADN, IMDG, IATA	Void	
• 14.2 UN proper shipping name		
· ADR, ADN, IMDG, IATA	Void	
· 14.3 Transport hazard class(es)		
· ADR, ADN, IMDG, IATA		
· Class	Void	
· 14.4 Packing group		
· ADR, IMDG, IATA	Void	

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MELOS ROSIN fo	or CELLO "dark"	
MELOS ROSIN fo	or CELLO "baroque"	
MELOS ROSIN fo	or CELLO "sticky"	
MELOS ROSIN fo	or BASS "light"	
MELOS ROSIN fo	or BASS "dark"	
MELOS ROSIN fo	or VIOLIN "funny"	
MELOS ROSIN fo	or CELLO "funny"	
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MELOS ROSIN p	owder for VIOLIN	

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· 14.5 Environmental hazards:	Not applicable.	
<sup>•</sup> 14.6 Special precautions for user	Not applicable.	
· 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC CodeNot applicable.		

#### **SECTION 15: Regulatory information**

**MELOS ROSIN powder for CELLO** 

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Labelling according to EU guidelines:
- · Hazard-determining components of labelling: Label elements at Section 2.2
- · National regulations:
- · Other regulations, limitations and prohibitive regulations
- Substances of very high concern (SVHC) according to REACH, Article 57

It doesn't contain substances of very high concern (SVHC).

• 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

### **SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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· Relevant phrases	
H302 Harmful if swallowed.	

- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- R22 Harmful if swallowed.
- R34 Causes burns.

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- R42/43 May cause sensitisation by inhalation and skin contact.
- R43 May cause sensitisation by skin contact.

#### · Department issuing MSDS:

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