

## PINE ROSIN – SAFETY DATA SHEET

### SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

#### PRODUCT IDENTIFIER

Product Name	Pine Rosin
INCI Name	Rosin
CAS Number	8050-09-7


#### DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Registered distributor company name	Pure Ingredients	Pure Nature
Address	626A Rosebank Road, Avondale 1026	626A Rosebank Road, Avondale 1026
Telephone	+64 9 813 5619	+64 9 813 9412
Website	www.pureingredients.co.nz	www.purenature.co.nz
Email	compliance@pureingredients.co.nz	info@purenature.co.nz

#### EMERGENCY TELEPHONE NUMBER

Association / Organisation	0800 CHEMCALL / 0800 243 622 (24hr)
Emergency telephone numbers	111
Other emergency telephone numbers	0800 764 766

### SECTION 2 HAZARDS IDENTIFICATION

Hazard Classification	Skin sensitization Category 1	6.5B
Hazard Nature	This product is classified as <b>HAZARDOUS</b> under HSNO and GHS criteria.	
Pictogram(s)		
Signal Word	<b>WARNING</b>	
Hazard Statement(s)	May cause an allergic skin reaction.	
Prevention Statement(s)	Avoid breathing dust. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves.	
Response Statement(s)	If skin irritation or rash occurs: Get medical advice/ attention. Take off contaminated clothing and wash it before reuse.	
Storage Statement(s)	Nil	
Disposal Statement(s)	Dispose of contents/container to an approved waste disposal plant.	

### SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

% [volume/weight]	INCI Name	CAS No.
100	Rosin	8050-09-7

### SECTION 4 FIRST AID MEASURES

**General advice:** Consult a physician. Show this material safety data sheet to the doctor in attendance.

**If inhaled:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact:** Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact:** Flush eyes with water as a precaution.

**If swallowed:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

### SECTION 5 FIREFIGHTING MEASURES

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special hazards arising from the substance or mixture:** Nature of decomposition products not known.

**Advice for firefighters:** Wear self-contained breathing apparatus for firefighting if necessary.

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### SECTION 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

**Environmental precautions:** Do not let product enter drains.

**Methods and materials for containment and cleaning up:** Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

### SECTION 7 HANDLING AND STORAGE

**Advice on safe handling:** Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

**Advice on protection against fire and explosion:** Provide appropriate exhaust ventilation at places where dust is formed.

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

**Storage conditions:** Keep container tightly closed in a dry and well-ventilated place. Store at room temperature.

**Storage class (TRGS 510):** 11 – Combustible Solids.

### SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

#### EXPOSURE CONTROLS

**Workplace control parameters:** Contains no substances with occupational exposure limit values.

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

**Control of environmental exposure:** Do not let product enter drains.

#### PERSONAL PROTECTION

**Eye/face protection:** Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.

**Body protection:** Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection:** For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Dark yellow solidified mass or fragments	Vapour pressure	0.06 hPa @ ca.20°C
Odour	No data available	Vapour density	No data available
Odour threshold	No data available	Density	ca.1034 kg/m <sup>3</sup> @ 20°C
pH	No data available	Solubility	0.0009 g/L @ 20°C in water
Melting/freezing point	66.5 – 93.4°C @ ca.1013 hPa	Partition coefficient	log Pow: 1.9 – 7.7
Boiling point & range	No data available	Auto-ignition temperature	No data available
Flash point	188°C - closed cup	Decomposition temperature	No data available
Flammability	No data available	Kinematic viscosity	No data available
Upper/lower flammability	No data available	Particle characteristics	No data available

### SECTION 10 STABILITY AND REACTIVITY

**Reactivity:** No data available.

**Chemical stability:** Stable under recommended storage conditions.

**Possibility of hazardous reactions:** No data available.

**Conditions to avoid:** No data available.

**Incompatible materials:** Strong oxidizing agents.

**SECTION 11 TOXICOLOGICAL INFORMATION**

**Acute toxicity:**

LD50 Oral - Rat - male and female - 2,800 mg/kg  
Inhalation: No data available  
LD50 Dermal - Rat - male and female - > 2,000 mg/kg  
(OECD Test Guideline 402)

**Skin corrosion/irritation:**

Skin - Rabbit  
Result: No skin irritation - 4 h  
(OECD Test Guideline 404)

**Serious eye damage/eye irritation:**

Eyes - Rabbit  
Result: No eye irritation  
(OECD Test Guideline 405)

**Respiratory or skin sensitization:**

No data available.

**Germ cell mutagenicity:**

Test Type: Ames test  
Test system: S. typhimurium  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 471  
Result: negative

**Carcinogenicity:**

No data available.

**Reproductive toxicity:**

No data available.

**Specific target organ toxicity - single exposure:**

No data available.

**Specific target organ toxicity - repeated exposure:**

No data available.

**Aspiration hazard:**

No data available.

**SECTION 12 ECOLOGICAL INFORMATION**

**Toxicity:**

Toxicity to fish static test LC50 - Brachydanio rerio (zebrafish) - 60.3 mg/l - 96 h  
(OECD Test Guideline 203)

**Persistence and degradability:**

Biodegradability aerobic - Exposure time 28 d  
Result: 58 % - Not readily biodegradable.  
(OECD Test Guideline 301B)

**Bioaccumulative potential:**

No data available.

**Mobility in soil:**

No data available.

**Results of PBT and vPvB assessment:**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

**Endocrine disrupting properties:**

No data available.

**Other adverse effects:**

No data available.

**SECTION 13 DISPOSAL CONSIDERATION**

**Product:** Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

**Contaminated packaging:** Dispose of as unused product.

**SECTION 14 TRANSPORT INFORMATION**

Transport	Road & Rail	Marine	Air
UN number	Not dangerous goods	Not dangerous goods	Not dangerous goods
UN proper shipping name	Nil	Nil	Nil
Transport hazard class(es)	Nil	Nil	Nil
Packing group	Nil	Nil	Nil

**SECTION 15 REGULATORY INFORMATION**

HSNO approval number	HSR002503
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**SECTION 16 OTHER INFORMATION**

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.

Reference: supplier's SDS.

Version: 00 Revision Date: 29/03/2018. New PIL – SA231 SDS 0018092017 (21052016).

Version: 01 Revision Date: 04/05/2020. PIL SDS Change of address - no changes to SDS.

Version: 02 Revision Date: 26/09/2023. PIL – 03102022.

Pure Ingredients