

Safety Data Sheet

Liquid Tannin

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: Liquid Tannin
Chemical Name: -
Synonyms: Grape Skin Extract, GSKinEX
Proper shipping name: -
Chemical formula: -
CAS number: -
Use(s): Food Additive, Beverage Additive, Food Colouring,

Supplier of the Safety Data Sheet

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2. HAZARDS IDENTIFICATION

NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. According to NOHSC Criteria, and ADG Code.

UN No.	None Allocated	DG Class	None Allocated	Subsidiary Risk(s)	None Allocated
Pkg Group	None Allocated	Hazchem Code	None Allocated	EPG	None Allocated

GHS Classification None Allocated

Signal Word None Allocated

Hazard statements None Allocated

Precautionary Statements

Prevention P261 - Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264 - Wash skin thoroughly after handling.
P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/attention.

Storage -

Disposal -

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Formula	CAS No.	Content
NATURAL GRAPE SKIN TANNIN	-	Not Avail	>98%
ETHANOL	C2-H6-O	64-17-5	< 1%
MALIC ACID	HO2-CCH2-CHOHC-O2H	6915-15-7	< 1%
SULFUR DIOXIDE	SO2	7446-09-5	<0.1%

4. FIRST AID MEASURES

Eye Flush with running water for 15 minutes.
Skin Flush with running water for 15 minutes. (and soap if available)
Inhalation Exposure is considered unlikely.
Ingestion Ingestion is considered likely to require first aid. Give a glass of water. For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor.
Advice to Doctor Treat symptomatically

5. FIREFIGHTING MEASURES

Flammability Nonflammable. No fire or explosion hazard exists.
Fire and Explosion Noncombustible. No fire or explosion hazard exists.
Extinguishing No restriction on type of extinguisher to use.
Hazchem Code None Allocated

6. ACCIDENTAL RELEASE MEASURES

Spillage If spilt or if packages are damaged collect for later disposal.

7. STORAGE AND HANDLING

Storage Store in cool, dry, well-ventilated area,
Separate from oxidising agents and heat sources.
Ensure containers are labelled, protected from physical damage and sealed when not in use.
Store at 1 to 5 degrees Celsius and away from sunlight

Handling Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION



Exposure Standards	GRAPEX GRAPE SKIN TANNIN: No exposure standard(s) allocated. ETHANOL: ES-TWA: 1000 ppm (1880 mg/m ³); WES-TWA: 1000 ppm (1880 mg/m ³)
	SULPHUR DIOXIDE: ES-STEL: 5 ppm (13 mg/m ³); ES-TWA: 2 ppm (5.2 mg/m ³); WES-TWA: 2 ppm (5.2 mg/m ³)
Biological Limit Values	No biological limit allocated.
Engineering Controls	Ensure adequate natural ventilation.
PPE	Personal Protective Equipment is not required under normal conditions of use. When using large quantities or where heavy contamination is likely, wear chemical goggles and PVC protective gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	LIGHT RED LIQUID	Solubility (water)	MISCIBLE
Odour	CHARACTERISTIC ODOUR	Specific Gravity	1.10 – 1.20
pH	3.4 – 3.7	% Volatiles	NOT AVAILABLE
Vapour Pressure	NOT AVAILABLE	Flammability	NON FLAMABLE
Vapour Density	NOT AVAILABLE	Flash Point	NOT RELEVANT
Boiling Point	NOT AVAILABLE	Upper Explosion Limit	NOT RELEVANT
Melting Point	NOT AVAILABLE	Lower Explosion Limit	NOT RELEVANT
Evaporation Rate	NOT AVAILABLE	Auto ignition Temperature	NOT AVAILABLE

10. STABILITY AND REACTIVITY

Material to Avoid	Oxidizing Agents.
Decomposition	No toxic gases are anticipated to be evolved when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary	Nontoxic. No adverse health effects are anticipated with normal use of this product. This product is used as a foodstuff/additive.
Eye	Low irritant. Exposure may result in irritation.
Inhalation	Low irritant. Over exposure may result in mucous membrane irritation of the nose and throat with coughing.
Skin	Low irritant. Prolonged and repeated contact may result in mild irritation to those individuals with sensitive skin.
Ingestion	Non-Toxic.
Toxicity Data	GRAPEX GRAPE SKIN TANNIN: No LD50 data available for this product ETHANOL: LC50 (Inhalation): 2000 ppm/10 hours (rat); LD50 (Ingestion): 3450 mg/kg (mouse) SULPHUR DIOXIDE: LC50 (Inhalation): 2520 ppm/1 hour (rat); MALIC ACID: LD50 (Ingestion): 1600 mg/kg (mouse)

12. ECOLOGICAL INFORMATION

Environment	This product is not anticipated to cause adverse effects to animal or plant life if released to the environment in small quantities. Not expected to bioaccumulate.
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13. DISPOSAL CONSIDERATIONS



Waste Disposal No special precautions are required for the disposal of this product.

Legislation Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

**NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE
NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: ADG7, UN, IATA, IMDG**

Land Transport

Shipping Name	None Allocated				
UN No.	none allocated	DG Class	None Allocated	Subsidiary Risk(s)	None Allocated
Pkg Group	None Allocated	Hazchem Code	None Allocated	EPG	None Allocated

15. REGULATORY INFORMATION

Poison Schedule None.

16. OTHER INFORMATION

Additional Information ABBREVIATIONS:
mg/m³ - Milligrams per cubic metre
ppm - Parts Per Million
TWA/ES - Time Weighted Average or Exposure Standard.
NOS - Not Otherwise Specified
pH - relates to hydrogen ion concentration - this value will relate to a scale of 0 - 14, where 0 is highly acidic and 14 is highly alkaline.
CAS# - Chemical Abstract Service number - to uniquely identify chemical compounds.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

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End of Report

