



MAURI YEAST AUSTRALIA PTY LTD

15 Grand avenue,
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Telephone: 02 96848600
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Mauri Yeast Australia

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MATERIAL SAFETY DATA SHEET

Page: 1 of 8

Ident: MSDS 028

Issue date: 10.05.2006

Revision: 0

PRODUCT: MAURIFERM PLUS

Approved by: Helia Inacio

SECTION 1 - PRODUCT IDENTIFICATION:

DG Class: None allocated
Sub. Risk None allocated
Hazchem code: None allocated
Poisons schedule: Not schedule

Generic description: Mauriferm Plus is a mixture of pure vitamin, Di-ammonium phosphate and Inactive dried yeast. The concentration of vitamin is optimal for the promotion of yeast growth and rate of fermentation.

Trade name: MAURIFERM PLUS

Use: Mauriferm Plus is to be used as a fermentation aid for stuck and sluggish grape juice fermentations.

SECTION 2 - CHEMICAL DATA

Composition: Thiamine Hydrochloride, Di-Ammonium Phosphate, and Inactive Dried Yeast.



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SECTION 3 - PHYSICAL DESCRIPTION / PROPERTIES:

Appearance: Mauriferm Plus has beige yeast particles combined with a fine white powder and white crystals.

Odour: A yeasty, bread-like odour is present

Boiling range: Not determined

Melting point: None documented

Specific gravity: None documented

Vapour pressure: Not determined

Solubility: Not determined

Flash Point: Unknown

Flammable Limit LEL: Not determined

Flammable Limit UEL: Not determined

Explosion Data: Dust Explosion Hazard

SECTION 4 - HEALTH HAZARD DATA

Health Effects: No specific data is available for the product for chronic exposure symptoms. The ingredients are not listed as carcinogenic in Worksafe's document "Exposure Standards for Atmospheric Contaminants in The Occupational Environment", nor in NOHSC's "List of Designated Hazardous Substances".
None established.

Effects of exposure: Is generally regarded as safe.

Skin contact Skin contact may result in slight irritation. Low toxicity.



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Sensitization:	This product contains one ingredient that may cause skin irritation.
Eye contact	This product may be mildly irritating to eyes. However, it is unlikely to cause any more than mild transient discomfort. It is also unlikely to cause any lasting effects.
Inhaled	No inhalation hazards incidental to normal handling operations is anticipated from this product when used at room temperatures. However, this product contains ingredients that may be irritating to the respiratory system and mucous membranes.
Swallowed	Minimal toxicity. Irritating for oesophagus and stomach; abdominal pain.

FIRST AID PROCEDURES:

Skin:	Wash thoroughly with soap and water. Remove contaminated clothing and shoes.
Eye:	Immediately flush the affected eye with copious quantities of water for at least 15 minutes with eyelids held open. Seek medical attention.
Inhaled:	Keep patient calm, remove to fresh air and observe until recovered. Persons developing hypersensitive reactions must receive immediate medical attention. Also if irritation becomes painful or persists more than about 30 minutes, seek medical advice. Provide artificial respiration or oxygen if needed.



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Swallowed: Wash mouth thoroughly with water. If large amount has been swallowed, drink plenty of water. Persons developing hypersensitive reactions must receive immediate medical attention. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.

First Aid Facilities: Ensure an eye bath and safety shower is available and ready for use.

Advice to doctor: Treat symptomatically based on judgement of doctor and individual reactions of patient.

SECTION 5

PRECAUTIONS FOR USE:

Exposure Limits An exposure standard has not been established for this product. No occupational exposure limits have been established, however the following is recommended for nuisance dust: TWA 10 mg/m³

Other exposure information If you believe airborne concentrations of mists, dusts or vapours is high, you are advised to modify the process or environment to reduce the problem.

Engineering Controls Control formation of dust.
Use adequate general or local exhaust ventilation to maintain exposure levels below the permissible exposure limits. Use process enclosure, local exhaust ventilation, or other engineering controls to control exposure levels.



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Personal Protection:

Respiratory Protection

If use conditions generate dusts, wear an approved dust respirator appropriate for those emission levels. This may be a full face piece or a half mask air purifying cartridge with particulate filters, a self-contained breathing apparatus in the pressure demand mode or a supplied air respirator.

Eye Protection

Wear chemical safety goggles, unless a full face piece respirator is also worn.

Skin Protection

Wear protective gloves to minimise contact with the skin. Always wash hands before smoking, eating, drinking or using the toilet.

Clothing

Protective clothing use is recommended as a good industrial practice. Coveralls, apron and boots as necessary to prevent contact.

Technical Protective Measures

Breathing must be protected when large quantities of product are decanted without local exhaust ventilation.

SECTION 6 –

STORAGE AND TRANSPORT

Storage Precautions

Store in a cool place away from moisture, dry area protected from sunlight. Keep away from heat and flame. Keep container closed when not in use.



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Handling Precautions

Protection against fire and explosion. Avoid dust formation. Local exhaust ventilation necessary. Wash after handling. Remove contaminated clothing and launder before re-use. Containers, even those that have been emptied will retain product residue.

Other Handling Procedures

Handle in accordance with good industrial hygiene and safety practice. Material should be taken out with the help of spoon or spatula.

SECTION 7

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SPILLS AND DISPOSAL PROCEDURES:

Spills and Leaks:

Avoid raising dust. If a vacuum cleaner is used, take care to avoid a dust cloud explosion in the equipment.
Environmental precautions: In the event of a major spill, prevent spillage from entering drains or watercourses. As a minimum, wear overalls, breathing apparatus, rubber boots, rubber gloves and provide adequate ventilation during clean up.
Stop leak if safe to do so, and contain all spill. Sweep up and shovel and collect recoverable product into labelled containers for disposal. After spills, wash area and surroundings preventing run off from entering drains.

Waste disposal:

Dispose of contaminated product and material used in cleaning up spills or leaks in accordance with all Local, State and Federal regulations at an approved waste disposal facility. Empty containers can have residues, gases and mists and are subject to proper waste disposal as above.



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SECTION 8

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FIRE AND EXPLOSION HAZARD:

Ensure adequate ventilation to minimise dusting.
When transferring this product make sure equipment is grounded to prevent electrostatic build up and potential explosion of dust/ air mixture.

Avoid extremes in temperature and contact with moisture.

Avoid contact with strong acids and strong bases.

Stability:

Relatively stable to air if protected from light and humidity.

Hazardous Decomposition or by-products

Not known. However this product contains one minor ingredient that fire decomposition products may form oxides of nitrogen; oxides of sulphur; hydrogen chloride.

Fire Fighting Procedures:

Fire fighters should wear full protective equipment including self-contained breathing apparatus.
As for all fires, evacuate personal to safe area.
Dispose of fire debris and contaminated extinguishing water in accordance with local regulations.

Extinguishing media:

Water spray, dry extinguishing media, carbon dioxide or foam as appropriate for surrounding fire and material.

SECTION 9:

TOXICITY DATA:

Oral – Not available

Dermal – Not available

Inhalation – Not available

Environmental Protection: Phosphate will promote algae growth and may degrade water quality. Avoid contaminating waterways.



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SECTION 10

Disclaimer:

- OTHER INFORMATION:

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace.

Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace, including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company, or in the event of an emergency, the contact point number below.

This product is manufactured by Mauri yeast and all information provided in this Material Safety data Sheet is offered in good faith and has been developed from what is believed to be accurate and reliable sources.

Our responsibility for products sold is subject to our standard terms and conditions.

Mauri Yeast disclaims any liability for loss, injury or damage incurred in connection with the use of the material or its associated Material Safety Data Sheet.

CONTACT POINTS:

Organisation: Mauri Yeast	Location: 15 Grand Avenue, Camellia, NSW 2142	Telephone: 02 9684 8600	ASK FOR Quality Manager
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