



MAURI YEAST AUSTRALIA PTY LTD

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Mauri Yeast Australia

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MATERIAL SAFETY DATA SHEET

Page: 1 of 7

Ident: MSDS 024

Issue date: 28.09.2006

Revision: 1

PRODUCT: MAURIFERM GOLD

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 Gold is a mixture of pure vitamins, di-ammonium phosphate and inactive dried yeast. The concentration of vitamins is optimal for the promotion of yeast growth and rate of fermentation.

Trade name: MAURIFERM GOLD

Use: Mauriferm Gold is to be used as a fermentation aid for stuck and sluggish grape juice fermentations. Added 1/3 of the way through fermentation or at the first sign of slowing, Mauriferm Gold will be added at 300 ppm (30g/hl) directly to the fermentation.

SECTION 2 - CHEMICAL DATA

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



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SECTION 3 - PHYSICAL DESCRIPTION / PROPERTIES:

Appearance: Mauriferm Gold 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.

Is generally regarded as safe.

Effects of exposure:

Skin contact

Exposure to this product is not likely to cause significant irritation, nor is it likely to be absorbed through skin in harmful amounts.

Sensitization:

This product contains one ingredient that may cause allergic skin reaction.



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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 one ingredient that may cause slight respiratory irritation.

Swallowed

Direct ingestion of large amounts may cause gastric disturbances.

FIRST AID PROCEDURES:

Skin:

Wash thoroughly with soap and water.

Eye:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

Inhaled:

Keep patient calm, remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.

Swallowed:

If swallowed, do NOT induce vomiting. Wash mouth with water and give a glass of water to drink.

First Aid Facilities:

Ensure eye wash and safety shower are readily available.



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SECTION 5

PRECAUTIONS FOR USE:

Exposure Limits

An exposure standard has not been established for this product

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

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

Personal Protection:

Respiratory Protection

If dusts are generated, wear an approved dust respirator.

Eye Protection

Chemical goggles or safety glasses with side-shields

Glove Type

Wear protective gloves to minimise contact with the skin.

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.



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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.

Handling Precautions

Protection against fire and explosion. Avoid dust formation. Local exhaust ventilation necessary. Take precautionary measures against electrostatic charging.

Other Handling Procedures

Handle in accordance with good industrial hygiene and safety practice.

SECTION 7

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SPILLS AND DISPOSAL PROCEDURES:

Spills and Leaks:

Environmental precautions: In the event of a major spill, prevent spillage from entering drains or watercourses. As a minimum, wear overalls, goggles and gloves and provide adequate ventilation during clean up.
Stop leak if safe to do so, and contain all spill. Sweep up and shovel or collect recoverable product into labelled containers for disposal. After spills, wash area preventing run off from entering drains.

Waste disposal:

This material may be suitable for approved landfill or by special means e.g. suitable incineration.
Dispose of in accordance with all Local, State and Federal Regulations.



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SECTION 8

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FIRE AND EXPLOSION HAZARD:

Ensure adequate ventilation to minimise dusting.

Stability:

Relatively stable to air if protected from light and humidity.

**Hazardous
Decomposition or by-
products**

Not known. However this product contains an ingredient that its fire decomposition products may form toxic and corrosive mixtures in confined spaces and flammable or explosive dust clouds in the air.

**Fire Fighting
Procedures:**

When fighting fires involving significant quantities of this product, wear safety boots, non-flammable overalls, gloves, goggles and self-contained breathing apparatus.

Extinguishing media:

Water spray, dry extinguishing media.



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SECTION 9 - OTHER INFORMATION:

Disclaimer:

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.

It should read taking into account how the product is handled in your particular situation and how it is used in conjunction with other products.

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.

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.

Issued and authorised by: Helia Inacio (National Quality Manager)