



Material Safety Data Sheet

CS: 1.4.93

Page: 1 of 5

Infosafe No™ LPYKS	Issue Date : February 2010	ISSUED by SUGAR
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Product Name : **EQUAL**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name EQUAL

Company Name Sugar Australia Pty Limited (ABN 82 081 245 169)

Address 265 Whitehall St Yarraville
VIC 3013 Australia

Telephone/Fax Number Tel: +61 3 9283 4558
Fax: +61 3 9689 4085

(24 hour a day available) Emergency Phone Number: Poisons Information Centre 13 11 26

Recommended Use Sweetener

Other Names	Name	Product Code
	EQUAL TABLETS (85MG)	
	EQUAL SPOONFUL	
	EQUAL SACHETS	

Other Information This Material Safety Data Sheet (MSDS) is issued by the Supplier in accordance with the Code and guidelines from the Australian Safety and Compensation Council (ASCC, formerly National Occupational Health and Safety Commission - NOHSC). The information in it must not be altered, deleted or added to. The Supplier will not accept any responsibility for any changes made to its MSDS by any other person or organization. The Supplier will issue a new MSDS when there is a change in ASCC standards, guidelines, or regulations and/or a material change in product specifications.

2. HAZARDS IDENTIFICATION

Hazard Classification NON-HAZARDOUS SUBSTANCE.
NON-DANGEROUS GOODS.
Hazard classification according to the criteria of NOHSC.
Dangerous goods classification according to the Australia Dangerous Goods Code.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition Equal Sachets (Dexmix)
Dextrose Monohydrate (CAS 5996-10-1) 60-100%; Aspartame (CAS 22839-47-0) 1-5%; Silica, amorphous, fumed, crystalline free (CAS 112945-52-5) <1%.
Equal tablets (85mg)
Lactose Monohydrate (CAS 10039-26-6) 60-100%; Aspartame (CAS 22839-47-0) 15-40%; Croscarmellose sodium (CAS 74811-65-7) 1-5%; L-leucine (CAS 61-90-5) 1-5%
Equal spoonful
Maltodextrin (CAS 9050-36-6) 60-100%; Aspartame (CAS 22839-47-0) 1-5%

Ingredients	Name	CAS	Proportion
	Ingredients determined not to be hazardous	-	100 %

4. FIRST AID MEASURES

Inhalation Remove to fresh air. If symptoms persist, obtain medical attention.

Ingestion No specific measures. This is food additive.

Skin Wash thoroughly with soap and water.

Eye Flush thoroughly with copious amounts of running water. If symptoms persist, seek medical attention.

Advice to Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Water, dry chemical, carbon dioxide and foam.



Material Safety Data Sheet

CS: 1.4.93

Page: 2 of 5

Infosafe No™ LPYKS	Issue Date : February 2010	ISSUED by SUGAR
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Hazards from Combustion	With heat, product burns/oxidises to form carbon, carbon monoxide and or carbon dioxide, and smoke.
Products Specific Hazards	Combustible solid. This product will burn if exposed to fire. This product in sufficient quantity and reduced particle size is capable of creating a dust explosion. Dust extraction systems, cleaning procedures, electrical earthing and other safety measures must be used to avoid the risk of explosion. Incompatible with strong oxidising agents.
Precautions in connection with Fire	Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Remove sources of ignition. Increase ventilation. Sweep up material avoiding dust generation, vacuum or dampen spilled material with water to avoid airborne dust, then transfer material to a suitable container. Wash area with water ensuring all wash water is captured and discharged to an approved treatment facility. Notify relevant waste or environmental authority as required by the site's EPA licence, trade waste agreement and/or State legislation.
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7. HANDLING AND STORAGE

Precautions for Safe Handling	Airborne sugar dust can explode under certain conditions. Refer to Section 5: Fire Fighting Measures: Specific hazards. If maintenance of a storage bin / vessel requires entry by personnel, confined space precautions should be complied with. Insufficient oxygen may be present in vessels containing the product due to the generation of gases during fermentation. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of dust in the work atmosphere. Avoid inhalation of dust, and skin or eye contact. Establish good housekeeping practices. Remove dust accumulations on a regular basis by vacuuming or gentle sweeping to avoid creating dust clouds. Maintain high standards of personal hygiene ie. Washing hands prior to eating, drinking, smoking or using toilet facilities.
Conditions for Safe Storage	This product should be stored in its factory packaging in a cool, dry, well ventilated area, away from sources of ignition, oxidising agents and out of moisture. Keep containers closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	No exposure standards have been established for this material, however, the TWA National Occupational Health And Safety Commission (NOHSC) exposure standards for dust not otherwise specified is 10 mg/m ³ . TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.
Biological Limit Values	No Biological limit available.
Engineering Controls	General room ventilation should be adequate, but local mechanical ventilation may be required if dust is generated, particularly in confined spaces. Work areas should be cleaned regularly by wet sweeping or vacuuming.
Respiratory Protection	An approved particulate respirator conforming to Australian Standards AS/NZS 1715 and AS/NZS 1716 should be worn when working with dusts. Respirators should be correctly fitted, maintained in good condition, and kept in clean storage when not in use. Replaceable filters and cartridges should be replaced regularly in accordance with the manufacturers' guidelines and Australian Standards AS/NZS 1715 and AS/NZS 1716. Use only respirators that bear the Australian Standards mark and are fitted and maintained correctly, and kept in clean storage when not in use.
Eye Protection	Ventilated non-fogging goggles, splash resistant should be worn if dust is generated. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
Hand Protection	Wear gloves of impervious material (such as PVC coated fabric). Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection,



Infosafe No™ LPYKS Issue Date : February 2010 ISSUED by SUGAR

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Personal Protective Equipment use and maintenance.
If engineering controls and work practices are not effective in controlling exposure, then personal protective equipment may be required.

Body Protection Skin Protection: Direct skin contact should be avoided by wearing long sleeved shirts and long trousers, a cap or hat, and gloves (PVC coated fabric or equivalent AS 2161). Work clothes should be washed regularly.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance White tablets or white granular

Odour Odourless

Melting Point Not available

Boiling Point Not available

Solubility in Water Equal tablets, Equal sachets: Soluble in hot water. Partially soluble in cold water.
Equal spoonful: Partially soluble in hot water. Partially soluble in cold water.

Specific Gravity Not available

pH Value Not available

Vapour Pressure Not applicable

Vapour Density (Air=1) Not applicable

Evaporation Rate Not applicable

Flash Point Not applicable

Flammability Combustible, product will burn in surrounding fire situation.

Auto-Ignition Temperature Not available

Explosion Limit - Upper Not available

Explosion Limit - Lower Not available

10. STABILITY AND REACTIVITY

Chemical Stability Stable

Conditions to Avoid Heat, flames and other ignition sources.

Incompatible Materials Incompatible with oxidising agents.

Hazardous Decomposition Products Carbon dioxide and carbon monoxide may form when heated to decomposition.

Hazardous Polymerization Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information Toxicity Data: Non-toxic - a foodstuff
Aspartame: LD50 (Oral) : 4000 mg/kg (rat)
Croscarmellose sodium: LD50 (Oral) : 7000 mg/kg (rat)

Inhalation Dust may irritate the nose and throat.

Ingestion No health effects under normal conditions of industrial use, but ingestion large amount may irritate the gastric tract causing nausea and vomiting.

Skin Skin contact may result in mild skin irritation.

Eye Irritating to the eyes and may cause watering and redness.

Chronic Effects Repeated exposure to the powder and dust may result in increased nasal and respiratory secretions and coughing, but not irreversible health effects.
Repeated skin contact may cause dermatitis.



Infosafe No™ LPYKS

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12. ECOLOGICAL INFORMATION

Ecotoxicity	Not expect to be harmful to aquatic life.
Persistence / Degradability	Not available
Mobility	Not available
Bioaccumulative Potential	Not available
Environ. Protection	Do not discharge product unmonitored into the environment.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations	Product can be treated as a common waste for disposal to an organic recycler or into a landfill site / wastewater treatment plant in accordance with relevant Authority guidelines. Note Biochemical Oxygen Demand load in waste water streams. Return product to supplier for re-use / recycling if possible. Consult supplier for recycling options. Recycle containers if possible or dispose of in an authorised landfill. Transportation of wet sugar waste may require Waste Transport Certification. Refer to your local Environment Protection Authority.
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14. TRANSPORT INFORMATION

Transport Information	Not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail
IMDG Marine Pollutant (MP)	Not a marine pollutant.

15. REGULATORY INFORMATION

Poisons Schedule	Not Scheduled
AICS (Australia)	All components of this product are listed on the Australian Inventory of Chemical Substances (AICS), or otherwise are in compliance with the NICNAS requirements.

16. OTHER INFORMATION

Date of preparation or last revision of MSDS	MSDS created: February 2010
Contact Person/Point	Emergency Contact Number: Poisons Information Centre 13 11 26 For further information on this product, please contact the following: Sugar Australia Pty Limited ABN 82 081 245 169 265 Whitehall St Yarraville VIC 3013 Australia Telephone: 61 3 9283 4558 Facsimile: 61 3 9689 4085
Literature References	Australian Standards References: AS/NZS 1336 Recommended Practices for Occupational Eye Protection. AS/NZS 1715 Selection, Use and Maintenance of Respiratory Protective Devices. AS/NZS 1716 Respiratory Protective Devices. AS 2161 Industrial Safety Gloves and Mittens (excluding electrical and medical gloves). National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)], April 2003, National Occupational Health and Safety Commission.
Other Information	Whilst the information contained in this document is based on data which, to the best of our knowledge, was accurate and reliable at the time of preparation, no responsibility can be accepted by us for errors and omissions. The provision of this information should not be construed as a recommendation to use any of our products in violation of any patent rights or in breach of any statute or regulation. Users are advised to make their own determination as to the suitability of this information in relation to their particular purposes and specific circumstances. Since the information contained in this document may be applied under conditions beyond our control, no responsibility



Material Safety Data Sheet

CS: 1.4.93

Page: 5 of 5

Infosafe No™ LPYKS

Issue Date : February 2010

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