MATERIAL SAFETY DATA SHEET

1. Identification

Product identifier: Medium Chain Triglycerides Powder (Coconut) **Code：** MCT 70% Powder B Coconut

Manufacturer/Importer/Supplier/Distributor information

Manufacturer Company name Ingredients4u PTE. LTD.

Telephone +86-21-31358882

FAX +86-21-31358998

2. Hazard(s) identification

Physical hazards Not classified.

Health hazards Not classified.

Environmental hazards Not classified.

OSHA defined hazards Combustible dust Classified

Label 3 elements

Hazard symbol

Signal word None.

Hazard statement Warning

Prevention May form combustible dust concentrations in air.

Keep container tightly closed. Keep away from heat/sparks/open flames/hot surfaces.

No smoking. Ground/bond container and receiving equipment. Prevent dust accumulation to minimize explosion hazard.

Response Wash hands after handling.

Storage Store away from incompatible materials.

Disposal Dispose of waste and residues in accordance with local authority requirements.

Hazard(s) not otherwise classified (HNOC) None known.

Supplemental information Not applicable.

3. Composition/information on ingredients

Mixture

Chemical name	CAS#	%
Medium chain triglycerides(Coconut)	65381-09-1	66.0-72.0
Glucose syrup	492-62-6	18.0-27.0
Casein	9000-71-9	2.0-10.0
Tripotassium citrate	866-84-2	0.2-2.0
Mono-and diglycerides of fatty acids	31566-31-1	0.1-2.0
Silicon dioxide	112926-00-8	0-1.5

4. First-aid measures

Inhalatio Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact Washoff with soap and water. Get medical attention if irritation develops and persists.

Eye contac Do not rub eyes. Rinse with water. Get medical attention if irritation develops and persists.

Most important symptoms/effects, acute and delayed	Provide general supportive measures and treat symptomatically.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media	Water spray. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). Apply extinguishing media carefully to avoid creating airborne dust.
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	Explosion hazard: Avoid generating dust; fine dust dispersed in air insufficient concentrations and in the presence of an ignition source is a potential dust explosion hazard. During fire, gases hazardous to health maybe formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire-fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. In the event of fire, cool tanks with water spray. Move containers from fire area if you can do so without risk.
Specific methods	Cool containers exposed to flames with water until well after the fire is out.
General fire hazards	May form combustible dust concentrations in air.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Dust deposits should not be allowed to accumulate on surfaces, as these may forman explosive mixture if they are released into the atmosphere insufficient concentration. Avoid dust formation. Use only non-sparking tools. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the MSDS.
Methods and materials for containment and cleaning up	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Avoid the generation of dusts during clean-up. Use only non-sparking tools. Large Spills: Stop the flow of material, if this is without risk. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Large Spills: Wet down with water and dike for later disposal. Following product recovery, flush area with water. For waste disposal, see section 13 of the MSDS.
Environmental precautions	Avoid discharge into drains, watercourses or onto the ground.

7. Handling and storage

Precautions for safe handling	Eliminate all sources of ignition. Minimize dust generation and accumulation. Combustible dust clouds maybe created where operations produce fine material (dust). Avoid significant deposits of material, especially on horizontal surfaces, which may become airborne and form combustible dust clouds and may contribute to secondary explosions. Handling and processing operations should be conducted in accordance with 'best practices' (e.g. NFPA-654). Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Keep away from heat, sparks and open flame. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the MSDS). Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Stored in cool, dry and ventilated place. The product is sensitive to air, heat, light and humidity, should be kept away from light, heat, strong odors and dust.

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8. Exposure controls/personal protection

Occupational exposure limits No exposure limits noted for ingredient(s).

Biological limit values No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dustinto the work area (i.e., there is no leakage from the equipment). Use only appropriately classified electrical equipment and powered industrial trucks.

Individual protection measures, such as personal protective equipment

Eye/face protection Use tight fitting goggles if dust is generated.

Hand protection For prolonged or repeated skin contact use suitable protective gloves.

Skin protection

Other Wear suitable protective clothing.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

9. Physical and chemical properties

Appearance White or light yellow

Odor no smell of rancidity, moldiness, decay or mildew etc.

pH 6.5-7.5 (5-10% Dissolved in water)

Melting point/freezing point Not available.

Initial boiling point and boiling range

Flashpoint >200℃

Evaporation rate Not available.

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower(%)

Flammability limit - upper (%)

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure < 0.100000 mbar at 250℃

Vapor density Not available.

Relative density Not available.

Solubility(ies)

Solubility (water) Dispersible in cold water

Auto-ignition temperature Not available.

Decomposition temperature Not available.

Viscosity Not available.

10. Stability and reactivity

Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport.

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Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Keep away from heat, sparks and open flame. Contact with incompatible materials. Minimizedust generation and accumulation.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	

11. Toxicological information

Information on likely routes of exposure

Ingestion	Expected to be a low ingestion hazard.
Inhalation	No adverse effects due to inhalation are expected.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Direct contact with eyes may cause temporary irritation.
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.
Respiratory or skin sensitization	
Respiratory sensitization	Based on available data, the classification criteria are not met.
Skin sensitization	This product is not expected to cause skin sensitization.

12. Ecological information

Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence and degradability	Readily biodegradable.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Empty containers should betaken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

It can only be transported with food and is not allowed to come into contact with chemicals, dust and volatiles. Water, land and air transport, unlimited.

15. Regulatory information

Users of this product must comply with local laws and regulations.

16. Other information

Issue date	02-03-2023
Revision date	01-08-2024
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