

MATERIAL SAFETY DATA SHEET - MSDS

1.	Product Name and Company Identification	
	Product Name	BioEnzymatic Dishwashing Liquid
	Product Use	Cleans grease and food residues from utensils using beneficial microbes
	Customer Name & Address	Bioenzymatic Solution LLP 3/21, Village Bhagtupura Dabruji, Amritsar
	Emergency Telephone No	708.798.4000
2.	Composition/ information on Ingredients	
	Soapnuts BioEnzyme Citric Peels BioEnzyme Coco Glucoside Plant-Based Glycerine Sodium Citrate Food-Grade Xanthan Gum Lemon Essential Oil	<i>Natural Cleansing and Foaming Agent</i> <i>Natural Cleansing and Degreasing Agent</i> <i>Coconut-Derived Surfactants</i> <i>Natural Moisturizer</i> <i>Water-Softening and Chelating Agent</i> <i>Binder/thickeners</i> <i>Natural fragrance</i>
3.	Hazards Identification	
	Hazard Classification	Non-hazardous
	Key Hazards	None identified under everyday use
	Precautionary Statement	Avoid direct contact with the eyes
4.	First Aid Procedures	
	Skin Contact:	In general, the product is non-toxic. Wash with water. If irritation occurs, seek medical advice.
	Eye Contact:	Flush eyes with water for at least 10 minutes. Remove contact lenses if applicable. Seek medical attention if irritation persists.
	Inhalation:	It is completely safe to inhale.
	Ingestion:	Do not induce vomiting. Rinse your mouth with water and seek medical advice if necessary. Show this document to the medical professional.
5.	Fire Fighting Measures	
	Suitable Extinguishers:	Non-flammable product
	Unsuitable Extinguishing Media:	Not applicable
	Fire Hazards:	None Identified
	Protective Equipment for Firefighters	Standard protective equipment
6.	Accidental Release Measures	
	Personal Precautions:	There are no special precautions under regular use. Ensure proper ventilation if handling large quantities.
	Safety Clothing:	Optional gloves and goggles for sensitive individuals or industrial handling
	Environmental Precautions:	Safe for the environment. Each 1 ml of the product purifies 1,000 ml of drain water.
	Clean-Up Procedure:	Wipe or mop up spills and rinse with water. Avoid mixing with oxidising agents.

7.	Handling and Storage	
	Handling:	Avoid direct eye contact. Wash hands after use.
	Storage Conditions:	Store in a cool, dry, dark place at 25–35°C. Keep away from direct sunlight and moisture.
	Fire Protection:	Non-flammable product
	Container materials:	Suitable for plastic containers.
8.	Exposure Control/ Personal Protection	
	Precautions:	Avoid contact with eyes.
	Exposure Limits:	Not applicable.
9.	Personal Protection	
	Respiratory:	Not required under normal conditions.
	Hand Protection:	Not required. Optional gloves for sensitive skin.
	Eye Protection:	Not required under normal conditions. Use safety goggles if splashing is possible (e.g., in large-scale or industrial use) to prevent irritation.
	Skin Protection:	Not required under regular conditions.
10.	Physical & Chemical Properties	
	Physical State:	Liquid
	Odour:	Citrus Odour
	Colour:	Yellowish Brown
	pH:	3.0 - 3.5
	Solubility in water:	Fully soluble
11.	Stability and Reactivity	
	Stability:	The product is stable under normal storage conditions.
	Conditions to avoid:	Very hot environment or Direct Sunlight
	Materials to avoid:	Oxidising agents
	Polymerisation Hazard:	Will not occur
12.	Toxicological Information:	
	General:	Non-toxic under normal use
	Acute LD50:	Data not available
	Carcinogenicity:	No evidence of carcinogenic properties
	Mutagenicity:	No evidence of a mutagenic effect
13.	Ecological Information:	
	Biodegradability:	Fully biodegradable
	Environmental Impact:	Positive impact by purifying drain water
14.	DISPOSAL METHODS:	
	Dispose of unused product in the drain and give empty packing for recycling.	

15.	Transport Regulations:	
	Road/Rail/Air/Sea:	Not classified as hazardous for transport.
16.	Regulatory Information:	
	Certification:	Complies with relevant safety and environmental regulations.
	Labelling Requirements:	Not classified as hazardous.
17.	Declaration:	
	This MSDS provides safety information based on current knowledge and is intended for safe handling and use. The customer should test the product for specific applications and compliance with relevant regulations. The information is subject to periodic review.	



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