

SURFACE care ENZYMIC

MATERIAL & SAFETY DATA SHEETS

PRODUCT	SURFACE CARE ENZYMIC
SHEET VERSION/DATE	1.1 / 02April18

1. PRODUCT AND COMPANY IDENTIFICATION

Function	Multi-purpose Cleaner
Description	This product provides single—product simplicity with multi-application flexibility. No other (bio) formulation provides this unique combination of deep cleaning, sanitizing and odor control features. It was developed specifically to overcome the limitations of “all-purpose cleaners” available in the market.
Manufactured at	Survey No. 271/8, Ingawale Patil Estate, Paud Road, Pune (India) - 412115
Emergency contact	+91 98 1603 1603

2. AREAS OF APPLICATION

Degreasing, cleaning and odor control of all hard surface finishes -
Glass & Mirrors
Shiny floor surfaces
Polished granite and marble
Kitchen bathroom sinks
Bathroom fixtures
Sink drains
Deodorizer for garbage and domestic waste areas.

3. BENEFITS & ADVANTAGES

Provides long-lasting cleaning & odor control
Degrades residual organics (e.g. grease, food spills, urine etc) to provide continual deep cleaning action.
Prevents the growth of undesirable disease-causing organisms.
Keeps sink drains unclogged and free of odor.

4. DIRECTIONS FOR USE

Mix contents well. Product can be applied in a variety of ways (swab, spray and / or wipe, mop & bucket or in floor cleaning equipment).

Floors	Dilute 1% to 3% in bucket.
Fittings	Spray, swab and wipe.
Odor control	Spray full strength.
Drains	Add 50-250 ml per 1-2 inch

5. PRODUCT CHARACTERISTICS

pH range	Neutral
Flash point	Non-flammable
Appearance	Creamy-white
Fragrance	Pleasantly perfumed
Bacterial Count	5.4 X 10 ⁷ cfu's per gram
Shelf Life & Storage	2 years at 2 ⁰ C to 35 ⁰ C. Store in cool, dry place.

Precautions: While this product is non-toxic, non-corrosive and non poisonous, it is nevertheless wise to keep it out of reach of children, and to follow basic precautions of use. Wash hands with warm, soapy water after use. Avoid contact with eyes, open cuts or sores. In case of eye contact, flush with water for 15 minutes. Call a physician. Do not use this container for storing beverages or other liquids. Contains Bio Active Formulation contains no phosphorus.

6. DESCRIPTION/PROPERTIES (nature, reactivity)

Surface CARE Enzymic provides deep cleaning, sanitizing and odor control features.

7. COMPOSITION / INFORMATION ON INGREDIENTS

Not Classified As Hazardous - Non pathogenic organisms 5.4×10^7

HAZARDOUS COMPONENTS	% W/W	SYMBOL	R PHRASES
Proprietary Blend of Microorganisms	<15.0	-	-
EDTA	<0.3	Xn	-
Fatty Alcohol Ethoxylate	<0.35	Xn	-

8. HAZARD IDENTIFICATION

Fire/Explosion Hazard (stability, flammability, combustion products)

Not classified as flammable or combustible material. Aqueous suspension.

Health Hazard (inhalation, ingestion, contact with skin or eyes)

Not classified as hazardous for use. May cause irritation on prolonged or repeated skin contact. As with all surface-active chemicals, care should be taken to avoid prolonged skin contact. Low risk from inhalation. Low order of acute oral toxicity but do not ingest.

Environmental Hazard

Not classified as hazardous to the environment.

9. FIRST AID MEASURES

Inhalation : Very low risk in normal usage since product is non-volatile. Mist may cause irritation to the respiratory tract. If affected, remove to fresh air, keep warm and at rest. Obtain medical attention in severe cases

Skin Contact : Avoid unnecessary contact and keep away from broken skin or open wounds.

Wash thoroughly all affected areas with soap and water. Remove contaminated clothing and launder before reuse. Wash hands before eating or drinking.

Eye Contact : Irrigate with plenty of clean running water. Seek medical attention if irritation persists.

Ingestion : Do not swallow, rinse out mouth with water. Do not induce vomiting. If swallowed in quantity seek medical attention as a precautionary measure. Material may cause stomach disorder. Irritation of the mouth, pharynx esophagus and stomach can develop following significant ingestion.

10. FIRE FIGHTING MEASURES

Suitable extinguishing media.

Since the product is not combustible or flammable, if involved in a fire, use extinguishing media appropriate to the source of the fire.

Protection for fire fighters:

Wear self-contained breathing apparatus. Wear protective clothing.

11. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Mark contaminated area with signs and prevent access to unauthorized personnel.
Environmental Precautions	Product is not environmentally hazardous, on the contrary it favors digestion of oils and greases in sewers and waste water treatment facilities.
Clean Up Procedures	Disperse spillages with large excess of water.

12. HANDLING & STORAGE

Handling	After handling wash hands with soap and water.
Storage	May be stored for period of one year in plastic containers as supplied. Avoid temperatures above 45 ⁰ C and protect from frost. Keep in cool and dry place. Use in 8 hours of dilution.

13. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls	Provide eyewash station
Personal Protection	Hand - Use of rubber gloves recommended. Eyes - Use of safety glasses recommended.

14. PHYSICAL & CHEMICAL PROPERTIES

Density	1.02	Appearance	Milky White
Vapor Pressure	Similar to water .	Fragrance	Herbal
Solubility in water	Completely Miscible	pH Value	7.0 to 7.5 approx.

15. STABILITY & REACTIVITY

Stability	Stable.
Materials to avoid	Avoid contact with strong oxidizers. Strong acids or alkalis may render the product inactive
Temperature	Avoid extremes of temperatures

16. TOXICOLOGICAL INFORMATION

Health Effects	
Respiratory	Mist may cause irritation to the respiratory tract.
Skin	May cause irritation on prolonged or repeated skin contact.
Eyes	May cause irritation.
Ingestion	May cause irritation in mouth, throat, stomach and intestinal canal. Contains non-pathogenic bacterial cultures.

17. ECOLOGICAL INFORMATION

Degradability	All components are readily biodegradable.
Bioaccumulation	No bioaccumulation is expected. The product is biodegradable and water-soluble.

18. DISPOSAL CONSIDERATION

Disposal methods	Dispose of under Local Authority Guidelines
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19. TRANSPORT INFORMATION

Not classified as dangerous for transport.

20. REGULATORY INFORMATION

Not classified as hazardous for use.

21. SAFETY PHRASES

- S2 Keep out of reach of children.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S46 If swallowed seek medical attention and show the container or label

22. OTHER INFORMATION

Multi-purpose cleaner

Please Note: The information in this Safety Data Sheet is based upon knowledge available at the time of compilation. It is intended to describe the product only in terms of Health & Safety requirements. It does not signify any warranty with regards to specific properties or specifications