

Surface CARE ENZYMIC

General Cleaning & Odor Control

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.

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.

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.

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

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° C to 35° 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.

MATERIAL SAFETY DATA SHEET

DESCRIPTION / PROPERTIES (nature, reactivity):

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

COMPOSITION / INFORMATION ON INGREDIENTS

Not Classified As Hazardous: Non pathogenic organisms 3.5×10^7

Hazardous Components	% w/w	Symbol	R Phrases
Proprietary Blend of Microorganisms	<15.0	-	-
EDTA	<0.3	Xn	-
Fatty Alcohol Ethoxylate	<0.35	Xn	-

HAZARD IDENTIFICATION

a) Fire/Explosion Hazard (stability, flammability, combustion products): Not classified as flammable or combustible material. Aqueous suspension.

b) 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.

c) Environmental Hazard: Not classified as hazardous to the environment.

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.

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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.

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.

HANDLING AND 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°C and protect from frost. Keep in cool and dry place. Use in 8 hours of dilution.

EXPOSURE CONTROLS / PERSONAL PROTECTION -

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

PHYSICAL AND CHEMICAL PROPERTIES

Density - 1.02

Appearance : Milky White

Vapour Pressure - Similar to water .

Fragrance : Herbal

Solubility in water - Completely Miscible

pH Value : 7.0 to 7.5 approx

STABILITY AND REACTIVITY

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

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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.

ECOLOGICAL INFORMATION

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

DISPOSAL CONSIDERATION

Disposal methods: Dispose of under Local Authority Guidelines.

TRANSPORT INFORMATION

Not classified as dangerous for transport.

REGULATORY INFORMATION

Not classified as hazardous for use.

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

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