

Non Hazardous according to criteria of NOHSC

MATERIAL SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

PRODUCT NAME(S): **EPIZYME ULTRA Dental Cleaner**
 UN No.: NA
 HazChem: NA
 Packing group: NA
 Subsidiary risk: NA
 CAS No.: See section 2
 Uses: For cleaning medical/surgical instruments

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO	PROPORTION (% w/w)
5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one	26172-55-4 and 2682-20-4	0.01 – 0.08
Sodium Borate Decahydrate	1303-96-4	1 - 10
Enzyme protein Protease	9014-01-1	0.1-0.5
Enzyme protein Lipase	9001-62-1	0.01-0.1
Enzyme protein Amylase	9000-90-2	0.01-0.1
Enzyme protein Cellulase	901254-8	0.01-0.1
Ingredients determined not to be hazardous	NA	90-99

SECTION 3: HAZARDS IDENTIFICATION

Acute

Swallowed:	Ingestion may result in abdominal irritation, pain and discomfort
eye:	Contact with eyes will cause irritation
skin:	Contact with skin may cause irritation, prolonged contact might cause sensitization.
Inhalation:	Irritating to respiratory system

SECTION 4: FIRST AID

Skin contact:	Rinse off with copious water.
Eye contact:	Rinse thoroughly with copious water; continue washing for at least 15 minutes. Seek medical attention if symptoms persist.
Ingestion:	Rinse mouth and throat thoroughly with water. Drink water. Seek medical attention if symptoms persist.
Inhalation:	Remove from exposure. In case of irritation or prolonged allergic symptoms, seek medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Non-flammable; Will not support combustion

SECTION 6: SPILLAGE ACCIDENTAL RELEASE MEASURES

Absorb spill with inert material. Spill area should be flushed with water to sewer (avoid high pressure rinsing). Do not use cleaning methods that generate aerosol. Spilled concentrate should be removed as soon as possible to avoid drying and formation of dust. Rinse off with excess water.

SECTION 7: HANDLING AND STORAGE

Store at controlled room temperature (5 – 25°C). Keep away from heat. Do not contaminate water, food or feed by storage or disposal. Keep container closed when not in use.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Avoid contact with skin, eyes. Wear suitable protective clothing, gloves and eye/face protector.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear to slightly hazy dark green liquid
Boiling point:	106°C/223°F (more than 100°C/212°F)
Vapour pressure:	N/A
Specific gravity:	1.02 - 1.15 @ 20°C/68°F
Solubility in water:	Readily soluble
Reactivity in water/air:	Not reactive
Incompatibility	Strong oxidizers, heat
pH:	7.0 – 9.5
Flash point:	N/A

SECTION 10: STABILITY AND REACTIVITY

This material is stable under normal conditions of use, not reactive

SECTION 11: TOXICOLOGICAL INFORMATION

The toxicity studies on animals have not been conducted.

Based on the toxicity of the ingredients, the following toxicity is predicted:

Ingestion may result in abdominal irritation, pain and discomfort, contact with eyes may cause irritation, contact with skin may cause irritation, prolonged contact with skin might cause sensitization, may be irritating to respiratory system.

None of the ingredient is listed in the international list of known carcinogens, mutagens, and developmental toxins.

SECTION 12: ECOLOGICAL INFORMATION

LC-50 (fish, algae, daphnia) >100 mg/L for all ingredients. When diluted with water the material is fully biodegradable. The product promotes biodegrading in sewerage sludge. This classifies the material as non-dangerous to environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Do not contaminate water, food or feed. Completely empty package. Triple rinse with water. Dispose of package in a sanitary landfill, or by incineration, if allowed by State and local authorities. If burned, stay out of smoke.

SECTION 14: TRANSPORT INFORMATION

No special requirement is needed. The product is not dangerous goods.

SECTION 15: REGULATORY INFORMATION

All the ingredients are listed in the AICS (Australian Inventory of Chemical Substances), TSCA (Toxic Substance Control Act), and EINECS (European Inventory of Existing Commercial Substances).

SECTION 16: OTHER INFORMATION

None

“The opinions expressed herein are those of qualified experts. We believe that the information contained herein is current as of the date of this MSDS. Since the use of this information and these opinions and the conditions of use of the product are not within the control of Novapharm it is the user’s obligation to assure safe use of the product.”

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