

CITYWIDE DIRECT

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MATERIAL SAFETY DATA SHEET

Section I

Product Name: Enzyme Breakdown Plus
Product Number: 35-00L,35-00LE / CWDEBDP

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH-TLV	Other Limits Recommended	% (optional)
Ingredient	CAS NO	%		TLV (ACGIH)
Tetrasodium ethylenediamineteraacetate	64-02-8	1-2 %		NA
Ethoxylated alcohol	78330-21-9	2-4 %		NA
Alkylbenzenesulfonic Acid	27176-87-0	2-4 %		NA
Viable bacterial cultures (largely water)	NA 7732-18-5	gt 90%		NA NA

Values are not product specifications. gt=greater than, lt=less than, na=

SECTION 3 PHYSICAL DATA

Boiling point: 100 C
Vapor pressure (mmHg at 20 C): Equiv to water
Vapor density (air = 1): Equiv to water
Solubility in water: 99%
pH: 7.5-9.0
Specific gravity: Approximately 1.0
Appearance and odor: Milky to Tan opaque liquid. Earthly odor.
HMIS rating (0-4): Health=1, Fire=0, Reactivity=0.

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

Flash point (and method): NA
Autoignition temp.: NA
Flammable limits (STP): NA

Extinguishing media: Water spray, carbon dioxide, dry chemical powder.

Special fire fighting protective equipment: None

Unusual fire and explosion hazards: NA

Section V — Reactivity Data

Stability: Stable under normal conditions.

Incompatibility (materials to avoid): Strong acids or alkali compounds may inactivate biological cultures.

Hazardous decomposition products: None

Hazardous polymerization: Will not occur.

SECTION 6 HEALTH HAZARD ASSESSMENT

Ingestion: Ingestion may result in abdominal pain, nausea and vomiting.

Eye contact: This material may cause eye irritation.

Skin contact: Contact may cause irritation

Skin absorption: Systemically toxic concentrations will probably not be absorbed through the skin in man.

Inhalation: None known.

Other effects of overexposure: May cause infection if in contact with open wounds.

First aid procedures:

Skin: Remove contaminated clothing and footwear. Wash material off the skin with soap and water. Wash clothing and footwear before reuse.

Eyes: Immediately flush with water for at least 15 minutes and have eyes examined and treated by medical personnel.

Ingestion: Induce vomiting only if advised by physician or poison control center.

SECTION 7 SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled:
Where possible, flush down drain to waste treatment sewer; otherwise on small spills, use chemical absorbant and sweep up. For large spills, contain and collect for reuse or disposal.

Disposal method: Disposal of this product or its residues must be in accordance with all local, state and Federal requirements.

SECTION 8 SPECIAL PROTECTION INFORMATION

TLV or suggested control value: No TLV assigned to this mixture. Control of exposure to below the TLV for the ingredients (see Section 2) will be sufficient. Minimize exposure in accordance with good hygiene practice. To maintain shelf life, avoid prolonged exposure to high or low temperatures and humidity. Avoid temps above 110 F and keep from freezing.

Ventilation: Normal room ventilation.

Respiratory protection (specify type): None required for recommended use. Avoid creating aerosols in poorly ventilated areas.

Protective clothing: NA

Eye protection: Safety glasses

Other protection: