



Cleaners Chemical Corp.
cleanerschemicalcorp.com

Cleaners No.17

Enzy-Cat

CATIONIC WET-CLEANING DETERGENT WITH ENZYMES AND OPTICAL BRIGHTENERS

GENERAL DESCRIPTION:

Enzy-Cat is a uniquely designed detergent concentrate for the Wet-Cleaning industry that will digest and/or emulsify proteins, greases, and fats due to its cationic surfactant structure combined with enriched compound enzymes. Enzy-Cat is effective in low temperature solutions and works quickly which is important to avoid shrinkage from garments being in solution too long. Enzy-Cat helps to remove odors and leaves the garment fresh and clean. Also present in the product are specialized soil-suspending agents, anti-redeposition agents, water conditioners and optical brighteners. Enzy-Cat can be used in combination with softeners, re-sizing and re-texturizing agents. Enzy-Cat has excellent rinsing properties, and actually can restore graying or yellowing fabrics. Even silk and wool may be laundered without causing damage.

DIRECTIONS FOR USE:

For normal soils, use 1 to 4 ounces per ten pounds of wet-cleaning. Enzy-Cat is completely soluble in all normal water temperatures. Optimum soil release will occur at any temperature from 50F to 115F. Effective soil removal at the concentrations and temperatures given may be obtained during a normal 4 to 8 minute wash cycle. If extreme soil conditions exist, a repeat cycle may be necessary.

HANDLING PRECAUTIONS: WARNING - KEEP OUT OF REACH OF CHILDREN. FOR COMMERCIAL USE ONLY.

If splashed in eyes, flush with water for 15 minutes. If irritation occurs, obtain medical attention. If ingested, drink large amounts of water to dilute. DO NOT induce vomiting. Obtain prompt medical attention.

PHYSICAL PROPERTIES:

Chemical Composition: Non-Pathogenic Bacterial Complex, Emulsifiers, Anti-redeposition, Soil suspending and Rinsing agents; Mineral sequestering agents for hard water conditioning and Optical brighteners.

Appearance:.....	Light Amber Liquid	pH	6.0
Penetration:	Immediate	Wetting Ability:	Excellent
Biodegradable:	Yes	Foam:	Moderate
Rinsing:	Complete	Specific Gravity.....	1.03 (8.6 lbs/gal)
Stability:	1 year @ Ambient Temperature		

PACKAGING: 5 gal. plastic pail-44 lbs. net 47 lbs. gross 4/1 gal. plastic bottles -34 lbs. net 47 lbs. gross

**Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label.
Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.**

MATERIAL SAFETY DATA SHEET

CLEANERS CHEMICAL CORP.

Boca Raton, FL 33428

Phone 561-558-1327

N.A.=Not Applicable
Not Est.=Not Established

Prepared by: Regulatory Affairs Department

Date: 12/1/2004

SECTION 1- GENERAL PRODUCT DATA

Product Name: CC # 17 - Enzi-Cat
Product Code: MBW2
HMIS Legend: 4-Extreme 3-High 2-Moderate 1-Slight 0-Insignificant
HMIS Hazard Code: Health:1 Flammability:0 Reactivity:0
Chemical Family: CLEANING COMPOUND
D.O.T. Shipping Name: Compound, Cleaning Liquid

CHEM-TEL, INC.
24 Hour Emergency Contact 1-800-255-3924
Chemical Strength: Neutral
Formula: Proprietary
Hazard Class: N/A

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	OSHA PEL	ACGIH	TLV	%
NJTSR#39210900-5248					<50
NJTSR#39210900-5279	9016-45-9				>5
Proprietary Cationic Surfactant					>5
Non-Pathogenic Bacterial Complex	Unknown				<5
NJTSR#39210900-5201					<5

Unidentified ingredients are not considered hazardous under the Federal Hazard Communications Standard (29 CFR 1910. 1200)

SECTION 3 - PHYSICAL DATA

Boiling Point (°F): 214
Vapor Pressure (mm Hg): = N/A
Appearance: FREE FLOWING LIQUID
Specific Gravity: 1.032
Percent Volatile By Volume: N/A
Evaporation Rate: = N/A
Odor: Characteristic **pH:** 6.0

SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point (F): None
Flammable Limits: N/A
Unusual Fire & Explosion Hazards: Not considered combustible
Special Fire Fighting Procedures: This product is not normally considered combustible and will not burn or sustain combustion

SECTION 5 - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation: No Skin: Yes Ingestion: Yes **Threshold Limit Value:** N/A
Effects of Overexposure: Contact with eyes may cause irritation or burns. May cause irritation and defatting of the skin.
Emergency & First Aid Procedures:
For Skin: Wash with cool running water. Seek medical attention if irritation develops.
For Eyes: Rinse with cool running water for 15 minutes. Seek medical attention if irritation develops.
If Ingested: If swallowed, give several cups of water to dilute. Do not induce vomiting. Seek medical attention. Never give anything by mouth to an unconscious person.
Carcinogen: Not considered carcinogenic by OSHA, NTP, or IARC

SECTION 6 - REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Spills and careless handling
Incompatibility: Strong oxidizing agents
Hazardous Decomposition Products: None anticipated
Hazardous Polymerization: Will not occur

SECTION 7 - SPILL OR LEAK PROCEDURES

Steps to be taken if material is released or spilled:
Spills may be slippery. Stop flow of product. Collect large spills for proper disposal. Wash spill area with plenty of water.
Waste disposal method: Dispose of in accordance with all applicable federal, state and local regulations. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.

SECTION 8 - SUGGESTED PROTECTIVE EQUIPMENT

Respiratory Protection: None usually required
Ventilation: Adequate general ventilation
Protective Gloves: Rubber or latex gloves
Eye Protection: Safety glasses recommended
Other Protective Equipment: None usually required

SECTION 9 - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage:
Store at room temperature. Keep from freezing. Keep container closed when not in use. Use with adequate ventilation. Avoid contact with eyes.
Other Precautions: Do not take internally. Avoid contamination of food. For industrial use only. Keep out of reach of children. Do not mix with anything but water. Avoid strong oxidizing agents.

SECTION 313 SUPPLIER NOTIFICATION

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:
This information must be included in all MSDS's that are copied and distributed for this material.

NOTICE

The information contained in this MSDS was obtained from current and reliable sources, however the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy, including the implied warranties of merchantability or fitness for a particular use or method of application. Since the conditions or handling, storage and disposal of this product are beyond the control of this company, it is not responsible for loss, injury and expense arising out of the products improper use.