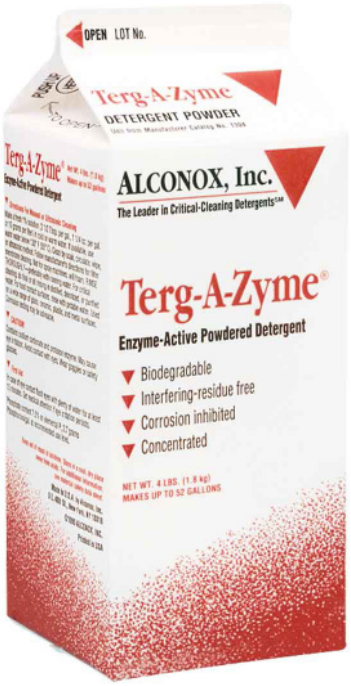
Environmental Remediation Equipment Inc.

LABORATORY

Tergazyme

Enzyme-Active Powdered Detergent

- Concentrated to save you money
- Biodegradable and readily disposable
- Replaces corrosive acids and hazardous solvents
- Protease enzyme removes proteinaceous soils, tissue, blood and body fluids
- Free rinsing to give you reliable results and no interfering residues
- Use to pass your cleaning validation tests for lab accreditation and plant inspection approval



Used to clean

Hospital instruments, dairy equipment, laboratory ware, reverse osmosis and ultrafiltration membranes and units, sampling apparatus, pharmaceutical apparatus, cosmetics manufacturing equipment, tubing, pipes, optical parts, process equipment, industrial parts, desalination plants, tanks and reactors. Authorized by USDA for use in federally inspected meat and poultry plants. Passes inhibitory residue test for water analysis. FDA certified.

Used to remove

Soil, grit, grime, blood, tissue, grease, fats, oils, proteinaceous soils, dairy proteins, particulates, solvents and bioreactor residue.

Surfaces cleaned

Corrosion inhibited formulation recommended for glass, metal, stainless steel, porcelain, ceramic, plastic, rubber and fiberglass. Can be used on soft metals such as copper, aluminum, zinc and magnesium if rinsed promptly. Corrosion testing may be advisable.

Cleaning method

Soak, brush, sponge, cloth, ultrasonic, flow through clean-inplace. Will foam—not for spray or machine use.

Directions

Make a fresh 1% solution (2 1/2 Tbsp. per gal., 1 1/4 oz. per gal. or 10 grams per liter) in cold or warm water. If available, use warm water below 130° F (55° C). Clean by soak, circulate, wipe, or ultrasonic method. Follow manufacturer's directions for filter membrane cleaning. Not for spray machines, will foam. RINSE THOROUGHLY—preferably with running water. For critical cleaning, do final or all rinsing in distilled, deionized, or purified water. For food contact surfaces, rinse with potable water. Used on a wide range of glass, ceramic, plastic, and metal surfaces. Corrosion testing may be advisable.

Tergazyme is available from leading laboratory, hospital, clinical and industrial suppliers.

Convenient sizes
Case 9 x 4 lb. Boxes 1304
25 lb. Carton 1325
50 lb. Carton 1350
100 lb. Drum 1301
300 lb. Drum 1303
250 x 1/2 oz. Box 1312
1 lb. makes 13 gal. cleaning solution

Chemical Description

Tergazyme consists primarily of a homogeneous blend of sodium linear alkylaryl sulfonate, phosphates, carbonates, and protease enzyme. Tergazyme is anionic in nature. The protease enzyme in Tergazyme is bacillus licheniformis subtilisin carlsberg which may be deactivated by 300 ppm hypochlorite at 85 degrees F in seconds; 3.5 ppm hypochlorite at 100 degrees F for 2 min; exposure to pH below 4 for 30 min at 140 degrees F; or by heating to 175 degrees F for 10 min.

Cleaning Validation Methods:

Test a parameter of rinse water before and after rinsing the cleaned surface, or test the clean surface. No significant change in the parameter indicates no detectable detergent residue. Parameters measured include: pH, conductivity, UV, TOC, HPLC, sodium concentration, phosphorus concentration, anionic detergent concentration using inexpensive detergent water testing kits, surface tension, and surface analysis.For details call ERE Inc. at 1-888-287-3732.

Health Safety Information

OSHA Hazardous Ingredients:	None
RCRA Hazard Class:	Non-hazardous
Flammability:	Non-flammable
Latex Content	None in detergent, packaging materials or adhesives.
Oral Toxicity:	LD50 > 5000 mg/kg oral rat. No ingredient defined as an oral toxicant by OSHA
Eye Irritation	Mild to Moderate eye irritant if not rinsed
Inhalation Toxicity	Non-irritating solution, powder a potential irritant
VOC Content	0%
Carcinogenicity	NTP = No IARC = No OSHA = No All ingredients in Tergazyme are listed in TSCA inventory. USDA NSF cat A1

Physical data	**Typical value**
pH of 1% solution	**9.5**
Flash Point (degrees F)	**None**
Phosphate Content (as Phosphorus)	**7.5%**
Organic Carbon (1% calculated w/w)	**11%**
Fragrance Content	**0%**
Surface Tension 1% Sol'n (Dyne/cm)	**32**
Percent active ingredients	**100%**
Color	**White and cream colored flakes and brown specks**
Form	**Powder**
Solubility in Water	**To 10% (w/w) at ambient temperature**
Hard Water Effectiveness	**Highly Effective**
Biodegradability	**Biodegradable**
Foam Tendency	**High Foaming**
Shelf Life	**Two years from the date of manufacture**

Precautions

No special precautions other than good industrial hygiene and safety practices employed with any industrial chemical (see Directions).

While the information in this report should not be considered to be a product warranty, we urge you to investigate, test and verify the suitability of Alconox detergents for your specific application. We, of course, can not give permission to use, or recommend the use of, our detergents where they infringe patents. No representation or warranty is made as to the safety of products or materials mentioned under the Federal Food Additives Amendment of 1958.