

Why Clean with Enzymes?

Cleaning with Enzymes Destroys the Structure of Dirt

Enzymes are naturally-occurring compounds that disintegrate the cell structures of substances that create stains and soils. When attacked by enzymes, dirt breaks apart, loses its grip on a surface, and becomes easier to remove. More and more experts are convinced that enzymes provide the best overall solution for many cleaning problems. ZYMIT contains two distinct enzymes. The different actions they provide make it effective in a wide range of applications.

Cleaning with Enzymes Cuts Energy, Equipment, and Water Costs

ZYMIT's enzymes work well at room temperature and neutral pH. The moderate operating temperatures make cleaning with ZYMIT more energy-efficient than with cleaners that require high heat. The neutral pH reduces the need for costly special equipment resistant to corrosion. ZYMIT's gentler cleaning action also reduces damage to the items being cleaned. This is especially important for delicate materials. And since ZYMIT is so effective, there is less need to repeat cleaning cycles to achieve desired results. Less clean water is needed, and the amount of waste water is reduced.

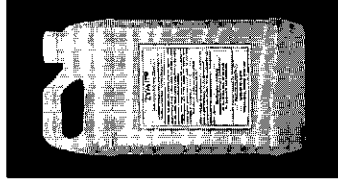
Cleaning with Enzymes Makes Environmental Compliance Easier

Enzymes are present in all biological systems. When enzymes biodegrade, the amino acids of which they are made are readily absorbed back into nature. Plus, cleaning with pH-neutral ZYMIT will not add high levels of acidity or alkalinity to your pretreatment waste-water stream. This can help you lower the cost of neutralization and avoid regulatory problems.

**Unique Enzymatic Action,
Mild Operating Conditions,
and
Environmental Friendliness
make
ZYMIT® Enzyme Cleaner
Outstanding for a Wide Range of
Applications!**

Introducing . . . Enzyme-Powered ZYMIT®

- uses nature's own cleaning mechanism
- saves water and energy
- compatible with most materials
- environmentally friendly
- safe



**Request your
free sample
today!**

**For more information
about enzyme cleaning with
ZYMIT,
contact us at:**

Headquarters:
International Products Corporation
201 Connecticut Drive
P.O. Box 70
Burlington, NJ 08016-0070 – U.S.A.

Phone: 609/386-8770 Fax: 609/386-8438
E-Mail: MKT@IPCOL.COM

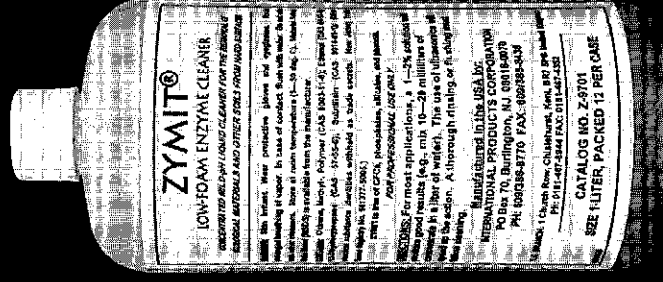
U.K. Branch:
International Products Corporation
1 Church Row
Chislehurst, Kent BR7 5PG - U.K.

Phone: 020 8467 8944 Fax: 020 8467 4352

INTERNATIONAL PRODUCTS CORPORATION
Printed in the U.S.A.
© 2000 International Products Corporation

000211

ZYMIT® LOW-FOAM ENZYME CLEANER



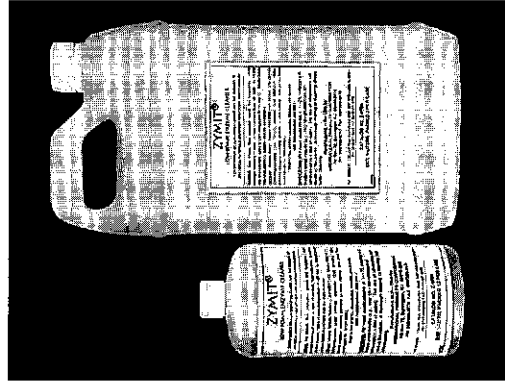
**The safe,
convenient way
to apply the power of
enzymatic cleaning**

If you have these kinds of contaminants . . .

blood, tissue, feces, mucous, sebum, food, grass, sweat, fat, oil, grease, fingerprints, cutting/polishing compounds, sizing, and other soils containing protein and/or starch

on these kinds of items . . .

labware, diagnostic and surgical instruments, life-support devices, chemical and pharmaceutical process equipment, photographic-film manufacturing machinery, hospital and day-care furnishings, care-giver apparatus, slaughter-house implements, animal cages, fishing-industry machinery, institutional uniforms and linens, food-service utensils, OEM or replacement parts, optical blanks, plus almost any metal, glass, porcelain, plastic, ceramic, rubber, gemstone, or fabric surface



*let nature's enzymes
in ZYMIT® conquer your
toughest cleaning jobs*

A Unique Formulation for Broad Effectiveness

ZYMIT uses a unique formulation of enzymes and detergents to achieve its broad cleaning powers. The enzymes break down the dirt, and the detergents wash it away. The enzymes in ZYMIT are specifically targeted to dissolve protein- and starch-based soils. The detergents produce a variety of cleaning actions (such as emulsifying and solubilizing) to remove the dissolved soils. In some cases, ZYMIT will even deodorize. Yet, with a pH of only 7.5, ZYMIT is almost as mild as ordinary water. That's why ZYMIT can be used in so many situations in so many ways.

Works with Manual and Automatic Washing Systems

Soaking, dipping, brushing, low-pressure spraying, flushing, and agitation are basic methods that can all be used to clean with ZYMIT. What's more,

ZYMIT's low-foam formulation also makes it suitable for use in the high-pressure, high-agitation conditions found in most automatic washing systems. ZYMIT is especially good for use in ultrasonic machines because it facilitates cavitation (the minute implosions that help remove dirt). This results from the moderate surface tension, low viscosity, and low operating temperatures that characterize a ZYMIT cleaning solution.

Concentrated for Convenience and Economy

Because it's a concentrate, you only need 1—2% ZYMIT in water to make a powerful cleaning solution. A liter of ZYMIT concentrate will make 50—100 liters of cleaning solution. You save because you don't pay to ship water, and you save on storage space. And properly stored ZYMIT is guaranteed effective for two years.

Free Sample Available

Seeing is believing. Learn how ZYMIT's enzyme action works in your specific situation by trying it without charge. Just contact us today, and we'll ship a free sample within one working day. We also offer free help from our product specialists. We're here to help you.

Take advantage of cutting-edge enzymatic cleaning action with ZYMIT®

- synergistic approach
- two different enzyme actions
- enhanced with detergents
- cleans at low temperatures
- low-foam
- pH neutral
- non-corrosive
- non-flammable
- non-carcinogenic
- no CFCs (chlorofluorocarbons)
- no phosphates
- no silicates
- no organohalogens
- no phenols
- SNAP approved

(EPA: Significant New Alternatives Policy)

INTERNATIONAL PRODUCTS CORPORATION: AN ISO-CERTIFIED COMPANY OFFERING OVER 75 YEARS OF CHEMICAL EXCELLENCE



Founded in 1923, International Products Corporation produces and markets a line of specialty chemicals with emphasis on cleaners and lubricants. The company operates from a recently-constructed, custom-designed facility. Situated on a four-acre site, this 20,000 square-foot building incorporates state-of-the-art processing, packaging, and warehousing operations. It is conveniently located near rail, air, and sea transportation for fast shipment. Most orders are shipped within two business days.

*For a sample of ZYMIT with no cost and no obligation, contact us today:
• Phone: 609/386-8770 • Fax: 609/386-8438 • E-Mail: MKT@IPCOL.COM*

INTERNATIONAL PRODUCTS CORPORATION

201 CONNECTICUT DRIVE • PO BOX 70 • BURLINGTON, NJ 08016-0070 • USA
FAX (609) 386-8438 • PHONE (609) 386-8770

ZYMIT® LOW-FOAM ENZYME CLEANER ASTM F483-90: METAL COMPATIBILITY

%Change in Mass, Room Temperature								
Immersion Time	Aluminum 3105	Cold Rolled Steel, 1010	Stainless Steel 304	Bronze Alloy 220	Titanium Alloy, 8% Mn	Monel Ni/Cu	Copper Alloy CA 110	Brass Alloy 360
24 Hours	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
288 Hours	0.0%	-0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.1%

%Change in Mass, 40°C								
Immersion Time	Aluminum 3105	Cold Rolled Steel, 1010	Stainless Steel 304	Bronze Alloy 220	Titanium Alloy, 8% Mn	Monel Ni/Cu	Copper Alloy CA 110	Brass Alloy 360
24 Hours	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
288 Hours	0.0%	-0.2%	0.0%	-0.2%	0.0%	0.0%	-0.3%	-0.5%

Tap Water (Control Samples)								
%Change in Mass, 40°C								
Immersion Time	Aluminum 3105	Cold Rolled Steel, 1010	Stainless Steel 304	Bronze Alloy 220	Titanium Alloy, 8% Mn	Monel Ni/Cu	Copper Alloy CA 110	Brass Alloy 360
24 Hours	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
288 Hours	0.0%	-1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Test data is provided for comparison purposes only. Individuals should conduct their own tests for compatibility verification.

Metal Coupons

1. Aluminum 3105 H24
2. Cold Rolled Steel, 1010
3. Stainless Steel, 304-2B
4. Commercial Bronze Alloy 220
5. Titanium Alloy, 8%Mn, Mil-T-9046, Type IIIA
6. Nickel/Copper Monel 400, QQ-N281, Class A
7. Copper Alloy CA-110, QQ-C-576, Annealed, ETP
8. Brass Alloy 360, leaded, QQ-B-626, Comp. 360 bar

000228

UK Branch: 1, CHURCH ROW, CHISELHURST, KENT, BR7 5PG
Telephone: (020) 8467 8944 Facsimile: (020) 8467 4352