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Emergency Management

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PX 700™

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TECHNICAL PRODUCT BULLETIN #M-22
USEPA, OIL PROGRAM CENTER
ORIGINAL LISTING DATE: FEBRUARY 27, 1998
REVISED LISTING DATE: OCTOBER 5, 1998
"PX 700™"

I. NAME, BRAND, OR TRADEMARK

PX 700™
Type of Product: Miscellaneous Oil Spill Control Agent

II. NAME, ADDRESS, AND TELEPHONE NUMBER OF MANUFACTURER/CONTACT

Enviro-Tech
1907 Southwest 47th Street
Cape Coral, FL 33914
Phone: (239) 997-6300
Fax: (239) 549-8550
Email: envirotechusa@gmail.com
Website: www.px700.com [EXIT Disclaimer](#)
(Mr. Charlie Jones)

III. NAME, ADDRESS, AND TELEPHONE NUMBER OF PRIMARY DISTRIBUTORS

Enviro-Tech
1907 Southwest 47th Street
Cape Coral, FL 33914
Phone: (239) 997-6300
Fax: (239) 549-8550
Email: envirotechusa@gmail.com
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IV. SPECIAL HANDLING AND WORKER PRECAUTIONS FOR STORAGE AND FIELD APPLICATION

1. Flammability: Not flammable; no special precautions necessary.
2. Ventilation: None required; no vapor emissions at normal temperatures, summer and winter.
3. Skin and eye contact; protective clothing; treatment in case of contact:
Product contains a surfactant; avoid prolonged skin contact. Mild eye irritant; in case of eye contact, flush with copious amounts of water. No protective clothing required. Contact treatment is to flush with water. Product is acidic (pH 3.5-4.0). Eye protection is recommended as a precaution against splashing.
- 4.a. Maximum storage temperature: 120°F
- 4.b. Minimum storage temperature: 30°F
- 4.c. Optimum storage temperature range: 65°F - 85°F

4.d. Temperatures of phase separations and chemical changes: Separation may occur after 3 months. Separation will not affect product performance.

V. SHELF LIFE

Two years.

VI. RECOMMENDED APPLICATION PROCEDURE

1. Application Method:

To remove oily sheen from areas surrounding an oil spill, spray undiluted PX-700™ directly over area at an application rate of one gallon for every 900 to 1200 square feet of surface area. Dilute PX-700™ 25:1 for cleaning equipment and other surfaces. Either spray or immerse equipment, as applicable. Dilute PX-700™ 50:1 for immersing wildlife to remove oil.

2. Concentration/Application Rate:

At normal temperatures product is free flowing and applied full strength to remove oily sheen from aquatic environments, soils, and wastewater.

3. Conditions for Use:

Water salinity, water temperature, types and ages of pollutants. Do not allow product to freeze, as separation may occur. Product may work more slowly at low temperatures. At full strength or diluted with fresh water, product will have a specific gravity lower than sea water and should float. Use of PX-700™ should aid skimming and other conventional oil recovery operations.

VII. TOXICITY AND EFFECTIVENESS

a. Toxicity:

Material Tested	Species	LC50 (ppm)
PX-700™	Menidia beryllina	380.00 96-hr
	Mysidopsis bahia	297.00 48-hr
No. 2 Fuel Oil	Menidia beryllina	7.07 96-hr
	Mysidopsis bahia	1.89 48-hr
PX-700™ & No. 2 Fuel Oil (1:10)	Menidia beryllina	5.65 96-hr
	Mysidopsis bahia	2.77 48-hr
Reference Toxicant (DDS)	Menidia beryllina	6.16 96-hr
	Mysidopsis bahia	23.00 48-hr

NOTE: This toxicity data was derived using the concentrated product. See Section VI of this bulletin for information regarding the manufacturer's recommendations for concentrations and application rates for field use.

2. Effectiveness:

NA

VIII. MICROBIOLOGICAL ANALYSIS

NA

IX. PHYSICAL PROPERTIES

1. Flash Point: Not flammable
2. Pour Point: 30°F
3. Viscosity: Equivalent to water
4. Specific Gravity: 1.0
5. pH: 3.5 to 4.0 standard units
6. Chemical Name and Percentage by Weight of the Total Formulation: CONFIDENTIAL
7. Surface Active Agents: Less than 5% Cocamide
8. Solvents: None
9. Additives: Citric acid for pH control
10. Solubility: 100% soluble

X. ANALYSIS FOR HEAVY METALS, CYANIDE, AND CHLORINATED HYDROCARBONS

Compound	Concentration (ppm)
Arsenic	0.47
Cadmium	ND
Chromium	ND
Copper	0.14
Lead	ND
Mercury	ND
Nickel	ND
Zinc	0.77
Cyanide	ND
Chlorinated Hydrocarbons	CONFIDENTIAL