



CRETE-LEASE® 810-Xtra Release Agent Specification Sheet

Environmental Report Card

- ✓ Non-flammable
- ✓ VOC compliant
- ✓ Non-carcinogenic
- ✓ Solventless

1. PRODUCT NAME

Crete-Lease 810-Xtra Release Agent

2. MANUFACTURER

Cresset Chemical Co., Inc.
One Cresset Center
Weston, Ohio 43569
800-367-2020 USA & Canada
419-669-2041
(FAX) 419-669-2200
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3. PRODUCT DESCRIPTION

Basic Use: Use Crete-Lease 810-Xtra Release Agent without dilution with zero slump (dry mixed) concrete. Use it on pipe pallets and header rings for machine made pipes. It:

- Promotes easy stripping of header rings and pallets
- Helps minimize clean-up of zero slump mixers and other equipment
- Applies in sub-freezing temperatures or very hot temperatures
- Applies by brush, mop, sprayer, dipping, etc.

Limitations: Not recommended for forms or formliners made from expanded polystyrene, SBR, or natural rubber or latexes made of these. Use Crete-Lease 20-VOC-Xtra on any form or formliner.

Ground Shipping in the USA: Containers holding 275 gallons or 55 gallons or 5 gallons or less (regardless of quantity) are not federally regulated and shipping product in the Cresset package does not require following hazardous shipping requirements.

Applicable Standards: Corps of En-

TABLE OF PROPERTIES

| | |
|-------------------------|-----------------------|
| Color | Straw |
| Opacity | Clear |
| Freeze Temperature | -10°F (-20°C) |
| Freeze Damage | None |
| Flash Point | 300°F (149°C) |
| Viscosity (centipoises) | 46 @ room temperature |
| Solids | None |
| Pounds per gallon | 7.52 |
| Specific Gravity | 0.903 |
| VOC | 145 g/L |

Composition: A proprietary blend of neutralized vegetable oils in a very heavy mineral oil. Contains no waxes, no silicones...no carcinogens.

gineers, "Civil Works Construction Guide Specifications," CW-03101, Section 5.3 and Section 8: and Corps of Engineers, "Guide Specification Military Construction," CEGS-03300, Section 10.8.

4. TECHNICAL DATA

Please see Tables.

5. APPLICATION

Preparatory Work: Form surfaces should be clean, dry, and free from contaminants. Apply Crete-Lease 810-Xtra minutes or hours before actual use.

Methods: When used on machine made pipe spray, roll, brush, dip or mop it on.

Spraying Recommendations: For machine made pipe completely coat header rings and pipe pallets.

Storage: Crete-Lease 810-Xtra, in sealed containers, will keep indefinitely at temperatures from -20°F to 140°F (-30°C to 60°C). Section 1910.106 of "General Industrial Standards for Occupational Safety and Health" classifies Crete-Lease 810-Xtra as a Class 2 liquid for the purpose of meeting OSHA storage requirements.

Precautions: Keep out of reach of children. Avoid prolonged contact with the skin. Use with adequate ventilation. See Material Safety Data Sheet for additional information.

6. AVAILABILITY AND COST

Availability: Crete-Lease 810-Xtra is available in 1 and 5 gallon containers; orange and white striped 55 gallon drums and 275 gallon MegaPaks. Contact Cresset Chemical Company, Inc. for your nearest distributor.

Cost: For machine made pipe the cost on hard, smooth surfaces is about \$0.008 per square foot (January 2007).

COVERAGE WITH CRETE-LEASE 810-Xtra

| Form Surface | (sq ft/gal) |
|-------------------|-------------|
| Hard & Smooth | 1,500 |
| Pre-oiled Plywood | 1,000 |
| Untreated Plywood | 700 |

7. LIMITED WARRANTY

Cresset Chemical Company warrants the product against defects in materials for a period of 1 year from purchase. If Cresset receives notice of such defects during the warranty period, Cresset at its option will either replace the product or refund the purchase price. THE WARRANTY SET FORTH ABOVE IS EXCLUSIVE AND NO OTHER WARRANTY, WHETHER WRITTEN OR ORAL, IS EXPRESSED OR IMPLIED. CRESSET SPECIFICALLY DISCLAIMS THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE REMEDIES PROVIDED HEREIN ARE BUYER'S SOLE AND EXCLUSIVE REMEDIES. IN NO EVENT SHALL CRESSET CHEMICAL COMPANY BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING LOSS OF PROFIT) WHETHER BASED ON CONTRACT, TORT OR ANY OTHER LEGAL THEORY.

8. MAINTENANCE

Not required.

9. TECHNICAL SERVICES

Cresset Chemical Company specializes in developing, distributing and servicing release agents. Our technical support includes assistance in optimizing concrete mixtures for achieving architectural surfaces; release agent compatibility with superplasticizers, coatings, form facings, etc.; and solving other concrete surface blemish problems.

Free literature includes:

- Catalog of products
- Material Safety Data Sheets
- "Cresset Concrete Standards" (Application techniques to obtain high visual impact concrete surfaces)
- "Surface Voids and How to Eliminate Them"

Over 75 distributors in the United States, Canada, Australia and Germany to serve you. Your technical inquiries are welcome, please call, write or FAX.

TABLE OF FORM AND FORMLINER COMPATIBILITY

| | |
|---------------------|---|
| Plywood | All Grades, Pre-oiled, Overlaid (LDO, MDO, HDO) |
| Plastics | Fiberglass Reinforced, ABS, PVC |
| Coatings | Epoxy, Urethane |
| Elastomerics | Urethane, Silicone |
| Steel | |
| Aluminum | |
| Wood | |