

ACR CONCRETE & MASONRY

ACR® Concrete & Masonry Cleaner replaces harsh and dangerous cleaners used on concrete and masonry. What makes this product unique is its ability to outperform the harshest acidic and caustic solutions while remaining non-corrosive, non-skin irritating and non-regulated by the D.O.T. In fact, they are so safe, they carry a triple-zero HMIS score.

ACR Concrete & Masonry Cleaner encapsulates and lifts petroleum-based oils, vegetable and animal fats, along with dirt, soils and grime without emulsifying. This combined with no detectable BOD limits and COD limits below 100 means that ACR Concrete & Masonry Cleaner will not create additional problems in your waste water runoff.

The result is a concentrated liquid that cleans, brightens, deodorizes and protects in a simple one-step process, eliminating costly steps in the cleaning process. Simply apply and rinse.

ACR Concrete & Masonry Cleaner is NSF certified for a wide range of uses including A1, A2 A3, A4, A5, A8, C1, C2 and D1.

PRODUCT PROPERTIES

- Appearance: Clear Amber Liquid
- Specific Gravity: ± 1.12+0.02
- Odor: Mild soapy
- Freezing Point: ≤ -26° F (-32° C)
- Boiling Point: ≥ 234° F (101° C)
- Solubility: 100% in water

PACKAGING

ACR Concrete & Masonry Cleaner is supplied in the following sizes;

- 5 gallon Pails (18.92 liters)
- 55 gallon drums (208.2 liters)

PERFORMANCE CHARACTERISTICS

Non-Corrosive	Non-Caustic
Acid Free	Lifts Grease
Cuts Animal Fats	Cuts Vegetable Fats
Non-Emulsifying	One-Step Process
Non-D.O.T. Regulated	Safe on Paint, Metal, Glass
Eliminates Odors	NSF Certified

STORAGE AND HANDLING

ACR Concrete & Masonry Cleaner has a shelf life of more than one year. Product is freeze/thaw stable. Keep container closed when not in use. Safety glasses are suggested when handling this product. No special gloves or protective equipment are required. Due to the product's low pH, aluminum piping and fittings should not be used.

WARRANTY & SYSTEMS

The following warranties are available when using ACR Concrete & Masonry Cleaner:

- ACR 1-Year Limited Liability Material Warranty.

TECHNICAL DATA

BIODEGRADABLE:	Yes/100%
FORM:	Liquid
ODOR:	Mild Detergent Odor
COLD STABILITY :	-26° F
DETERGENCY :	Strong
PHOSPHATES:	None
WETTING ABILITY:	Excellent
FLAMMABILITY:	Non-Flammable
BOILING POINT:	234° F
SOLUBILITY IN WATER:	100%
VOCs:	None
VOLATILE BY VOLUME:	N/A
CARCINOGENS:	None
SHELF LIFE:	1 Year

CONCRETE & MASONRY CLEANER

APPLICATION

1. ACR Concrete & Masonry Cleaner is a ready to use product. Using a low pressure pump style sprayer, apply the product to the surface of the concrete. The product should be applied at a coverage rate of approximately 1 gallon per 480 - 500 square feet.
2. For best results, product should be applied when the ambient temperature is 50° F (10° C) and rising.
3. Allow product to remain on the surface for at least 10 minutes if possible. Using a scrub brush or similar device will enhance cleaning.
4. Once the product has been used, remove dirt, grime and product from the surface using clean water. Rinsing with pressure washing may enhance the cleaning process.

NOTE: TechCrete warranted applications require the use of this product or one of the many ACR products. Chemical cleaning may require multiple applications and the use of different products to achieve complete cleaning. Other ACR products that may be utilized for surface cleaning and preparation on warranted applications.

Check the Alchemco website (www.alchemco.com) for technical data sheets on cleaning and preparation products or for help on which cleaning product will provide the best result.



TOXICITY STUDIES

Toxicity Limits: Test Procedure OECD 202, 48 hr. LC 50 and LD 50 (rat oral: NON-TOXIC).

Mutagenicity Limits: OECD Guidelines Sec. 471 Chemicals: **NON-MUTAGENIC**

Dermal Irritation & Corrosion

A modified Draize method was used as described in OECD Guidelines for the Testing of Chemicals Sec. 404 and complies with the requirements of OECD Principles of GLP, Annex revised as of July 1992. ACR Concrete & Masonry Cleaner is classified as a "Very Mild Skin Irritant".

Biodegradation & Aquatic Safety

Test Procedure: Hach Reactor Digestion method for Waste Water and Sea Water. Hach Reactor Digestion Method is a semi-micro adaptation of the Standard Methods. ACR Concrete & Masonry Cleaner is 100% Biodegradable.

Classifications & Approvals

D.O.T., IMO, IATA, IMDG - Non-Regulated
TDG - Non-Regulated to and through Canada SARA 313 311/312 - This product does not contain any ingredients that are subject to the reporting requirements.

California Prop 65 - This product does not contain any ingredients known to the state of California to cause cancer, birth defects or any other reproductive harm.
FDA - Recognized as Safe (GRAS) USDA Authorization A1, A2, A4, A8, C3



WARNINGS



DANGER! EYE PROTECTION REQUIRED!

Product may be harmful if swallowed. Wash hands, face and any exposed skin thoroughly after handling. Considered corrosive to eyes, eye protection is required.

Keep container tightly closed. Do not eat, drink or smoke when using this product.

IF SWALLOWED DRINK TWO (2) GLASSES OF WATER: Immediately call a POISON CONTROL CENTER or doctor/physician.

See Safety Data Sheet for further details regarding safe use of this product. Safety Data Sheets for any Alchemco product may be obtained by contacting Alchemco, 3532 Mayland Court, Henrico, VA 23233. 800-610-2895 or emailing technical@alchemco.com or calling CHEMTREC 800-424-9300 (US) 703-741-5970 (International).



WARRANTY DISCLAIMER

Because of conditions of use which may be beyond our control, Alchemco shall not be held responsible in any manner for any personal injury or property loss resulting to the buyer or any other person from handling, storage, or use of this material not in accordance with directions. The buyer and/or user assumes all risk and liability resulting from improper handling or usage. There is no warranty expressed or implied of any kind, except as supplied in writing.