

# CleanACT™ Product Data

## DUZ-ALL

Concentrated Heavy Duty Concrete Cleaner



ADVANCED  
CHEMICAL  
TECHNOLOGIES, Inc.

*"Protecting the World's Infrastructure"*

## DESCRIPTION

CleanACT™ DUZ-ALL is a general purpose, heavy duty, acidic cleaner for use on most standard concrete, colored concrete, precast panel, and concrete block surfaces. CleanACT™ DUZ-ALL is specially formulated to remove concrete splashes, excess mortar, retarders, heavy efflorescence, and embedded stains, rust and surface soiling. It can be used to etch concrete.

## BENEFITS

- Strong solutions will etch concrete and can be used for additional aggregate exposure.
- Can be used with low pressure water rinsing systems (>50 psi).
- Improves adhesion of protective coatings and membranes.
- Removes heavy efflorescence, embedded stains and surface spalling.
- Easy to apply.
- When properly applied, this product is compatible with our SIL-ACT™ silane solutions.

## TECHNICAL DATA

Physical Form	Liquid
Color	Clear
Odor	Mild
pH	< 0.1 at 1:6 dilution
Boiling Point	212°F
Freezing/Melting Point	<32°F
Solubility In Water	Complete
Specific Gravity	1.16 at 20/20°C
Evaporation Rate	< 1.0 (Water = 1.0)

DUZ-ALL is applicable for the substrates indicated			
Substrate	Surface Finish	CleanACT™ DUZ-ALL	
		Y/N	Coverage
Concrete	Brick	Yes	300-700 sq. ft/gal
	Tile	Yes	
	Precast Panels	Yes	
	Pavers	Yes	
	Cast-In-Place	Yes	
Architectural Concrete Block	Burnished	Yes	300-700 sq. ft/gal
	Smooth	Yes	
	Split-Faced	Yes	
	Ribbed	Yes	
Fired Clay	Brick	Yes	300-700 sq. ft/gal
	Tile	No	
	Terra Cotta	No	
	Pavers	Yes	
Marble, Tavertine, Limestone	Polished	No	N/A
	Unpolished	No	
Granite	Polished	No	300-700 sq. ft/gal
	Unpolished	Yes	
Sandstone	Unpolished	Yes	300-700 sq. ft/gal
Slate	Unpolished	Yes	300-700 sq. ft/gal

## USE RESTRICTIONS

- May etch smooth concrete surfaces.
- Not for use on polished surfaces. See other CleanACT™ products for ones more suitable.
- Will not undue damage caused by improper cleaning.
- May negatively react with some colored concrete blocks.

**WARNING:** CleanACT™ Duz-All is an acidic cleaner and as such may cause irritation to eyes or skin or result in respiratory problems if not handled properly.

## FIRST AID:

If ingested do not induce vomiting, give plenty of water and get medical attention. If skin is exposed, flush with soap and water, get medical attention, remove and launder contaminated clothing. If eyes are exposed, flush with water for 15 minutes, get medical attention. Please refer to the MSDS for full safety and health procedures.

## APPLYING

Initial preparation: Take appropriate steps to protect humans, animals, vegetation, property, metal, vehicles, painted surfaces, and other nonmasonry materials from any splash, residue, wind drift, over-spray, or fumes that might occur when applying this product. This product in either liquid or vapor form may damage a variety of nonmasonry surfaces.

- When possible it is better to clean with this product before installation of nonmasonry items such as finished flooring, windows, doors, metal fixtures, hardware, roofing materials, etc.
- Excess mortar or grout left on the surface longer than 24 days may result in difficult clean up.
- Always protect structures under construction from moisture.
- Always test (in an area not generally seen) for each type of surface. Let test area dry 3 to 7 days before looking at results.
- Before cleaning all concrete, masonry, cementitious material, caulking and sealant materials should be in place and thoroughly cured.
- Use cleaner when ambient and surface temperatures are at or above 40°F (4°C). Do not apply to frozen or freezing surfaces.
- Coverage rate is 300 to 700 square feet per gallon, depending upon texture of surface.

**NOTE:** Always test a non-visible area to ensure that product is compatible with substrate.

## DILUTION:

- For Form finished concrete, rough textured, or to remove excess mortar, retarders, efflorescence etc. use one part of the product with 6 parts clean COLD water (never use hot water). Mix in polypropylene buckets only (acidic materials and fumes attack metal). Measure water first, then add Duz-All while stirring.
- For additional aggregate exposure or for weathering or etching concrete block use one part concentrate to two parts cold water.
- For form finished concrete: rough finish, use one part concentrate to six parts cold water; standard finish, use one part concentrate to eight parts cold water.

## PACKAGING

1 case (4 - 1 gallon containers)

5 gallon pails

55 gallon drums

## WORKING FROM BOTTOM TO TOP

1. Thoroughly wet a large area with fresh water.
2. Apply with low-pressure sprayer (not over 50 psi maximum) or masonry-washing brush. **Caution:** use of too much pressure (> 50 psi) or too small of spray tip (< 15°) may result in damage to the surface. The ideal flow rate is 6 to 8 gallons per minute.
3. Leave product on surface for 2 to 3 minutes (do not let cleaner dry into substrate).
4. Rinse with a sufficient amount of tap water to flush cleaner and dissolve unwanted sediments from surface.
5. If necessary reapply cleaner and repeat previous steps. Scrape off heavy excess mortar using wooden scraper, taking care not to harm surface.

### FACTORY ASSISTANCE

Factory personnel are available for product, environment and job-safety assistance with no obligation.

Call 800-535-0433 and ask for Customer Care - technical support.

Factory-trained representatives are established in principal cities throughout the continental United States.

Call Customer Care at 800-535-0433 for the name of the ACT representative in your area.

