

ScaleBreak-000

INDUSTRIAL-STRENGTH CHEMICAL DESCALER

NON-HAZARDOUS • HMIS 0-0-0 • 100% BIODEGRADABLE



MINIMIZE ENVIRONMENTAL IMPACT

BREAKS DOWN IN JUST 10 DAYS

Verified safe for potable water systems
Independently evaluated using EPA
Whole Effluent Toxicity (WET) methods.



ENHANCED SAFETY DURING USE & STORAGE

No significant Health, Flammability, or Reactivity hazards
No harmful emissions
SAFER FOR USE CONFINED SPACES



ENGINEERED FOR DEMANDING ENVIRONMENTS

Validated for use in critical naval systems
Approved for certain food processing equipment



REDUCED OPERATIONAL CHALLENGES

Ships standard freight
No hazmat fees
No carrier restrictions



U.S. DOT & CANADIAN
TDG NON-REGULATED

POWERFUL PERFORMANCE

2X FASTER THAN MURIATIC ACID
for shorter cleaning cycles & equipment downtime



PART NUMBER	GAL SIZE
SCALEBREAK-000-5	5
SCALEBREAK-000-55	55
SCALEBREAK-000-275	275

ScaleBreak-000

Next Generation Non-Hazardous Chemistry. Maximum Performance.



ScaleBreak-000 represents a breakthrough in industrial descaling chemistry, delivering exceptional cleaning performance with a safety and environmental profile that redefines what facilities can expect from an industrial-grade descaler. Setting a new standard in safer industrial descaling, ScaleBreak-000 features the lowest HMIS and NFPA rating of 0-0-0, meaning no significant health, flammability, or reactivity hazard concerns.

Engineered to remove calcium carbonate and mineral scale up to 2× faster than muriatic acid, ScaleBreak-000 combines high-performance descaling with a 100% VOC-free, non-toxic formulation that generates no CO₂ during cleaning, delivering unmatched safety in closed spaces and confined areas. With certifications for potable water systems, food processing environments, and U.S. Navy mission-critical applications, ScaleBreak-000 is purpose-built for facilities that demand the highest standards of safety without compromising performance.

KEY FEATURES

- Laboratory testing demonstrated up to **2× faster** calcium carbonate dissolution than muriatic acid
- **U.S. DOT & Canadian TDG non-regulated** ships standard freight, no hazmat fees, no carrier restrictions
- **100% VOC-free and no CO₂ generation** safe for confined spaces, enclosed systems, and air-sensitive environments
- **Non-corrosive to skin** (OECD 404, GLP-validated) and non-toxic safer handling, simpler training and storage
- **100% biodegradable in 10 days** minimal environmental persistence, reduced wastewater and discharge risk
- **HMIS 0-0-0** fastest EHS approval cycle, broadest facility deployment flexibility

INDUSTRIES WE SERVE

ScaleBreak-000 is engineered for environments where operational and safety compliance are non-negotiable.

- Food & Beverage
- Pharmaceutical
- Healthcare
- Municipal Water Systems
- Schools & Universities
- Marine & Shipboard
- Power Generation
- ESG-Focused Industrial

COMPATIBLE MATERIALS

- Buna
- Viton
- Teflon
- Plastic
- EPDM
- Rubber
- Steel
- Copper
- Ceramic
- Titanium
- Cast Iron
- Copper/Nickel
- Admiralty Brass

BIODEGRADABLE • HMIS 0-0-0 • NON-HAZARDOUS

ENVIRONMENTAL PERFORMANCE

- Independently evaluated using EPA Whole Effluent Toxicity (WET) test methods
- Tested using both freshwater and marine aquatic species
- Provides quantitative environmental data to support wastewater management discussions
- As ScaleBreak-000 reacts with mineral scale, its active descaling components are consumed, naturally changing the composition of the cleaning solution throughout the descaling process.

CERTIFICATIONS

NSF/ANSI/CAN 60
(potable water)

NSF A8
(food processing equipment)

FDA GRAS
NAVSEA Approved
HMIS 0-0-0

U.S. DOT &
Canadian TDG
*non-regulated as
Hazardous material*



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