



BOOST™

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PRODUCT DESCRIPTION

BOOST™ is an environmentally friendly caustic replacement for high pH buffering and water treatment. BOOST™ has a pH of 13 and ability to raise the pH of any liquid. Boost can be blended with water safely with no exothermic reaction. BOOST™ neutralizes with water and does not require a follow up acid wash. BOOST™ is guaranteed to exceed the EPA's requirements as set forth in the Safer Choice screening process.

FEATURES

- Replaces harsh chemicals when increasing pH of reclaimed water without posing significant challenges in storage and use.
- Certified to NSF/ANSI 60 specifications for use on potable water systems and wells.
- No harsh smell or dangerous fumes and has been proven to pose no inhalation risk, exceeds D.O.T and OSHA requirements and requires no secondary containment.
- Outperforms industrial caustic formulations in a wide variety of industries
- Does not contain traditional hydroxides
- Does not leave residue of salts after use
- Safe on metal
- No neutralization step required
- Non Mutagenic
- No sodium ion donation

BENEFITS

- Triple-Zero HMIS Score
- FDA Approved GRAS
- Certified to NSF A1
- Non-Corrosive
- Non-Fuming
- Non-Skin Irritant
- 100% Biodegradable

Technical Information

The formula and ingredients meet and exceeds EPA's Safer Choice program requirements for both the safety to the environment and the user

Biodegradable: YES/100%	Flammability: Non-Flammable
Form: Liquid	Boiling Point: 263° F
Odor: Mild Odor	Solubility in Water: 100%
Cold Stability: -26° F	VOCs: None
Detergency: Excellent	Volatile by Volume: N/A
Phosphates: None	Carcinogens: None
Wetting Ability: Excellent	Shelf Life: 1 Year

DOT Statement

Non-D.O.T Regulated/Non-D.O.T. Hazardous
Exempt as per 49 CFR 173.154(d) (2) <6.25 mmpy

D.O.T. classifies a material to be corrosive and hazardous if it has a corrosion rate that exceeds 6.25 mmpy on SAE C1020 carbon steel or 7075-Y6 Aluminum.

Storage and Handling

BOOST 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 is required. Due to the products low pH, aluminum piping and fittings should not be used. Consult SlurryMonster representative for tank, piping, valve, hose coupling and fitting recommendations. After use, rinse empty container and discard as per federal, state and local regulations.

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.

BOOST is classified as a "Non-Skin Irritant"

Biodegradation & Aquatic Safety

Test Procedure: Hach Reactor Digestion method for waste water and salt water. Hach reactor Digestion Method is a semi-micro adaptation of the standard methods.

BOOST™ is 100% Biodegradable

Classification & Approvals

D.O.T – 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 – Approved as Safe (GRAS)

USDA Authorization A1, A2, A4, A8, C3

NSF A1

Additional Studies & Results: When tested, BOOST™ showed no potential for the generation of Carbon Dioxide under NIOSH 7903 OSHA & ACGIH testing protocols governing workplace environments.

Dilution Specification

Use BOOST™ as a direct replacement to 50% caustic solution. Can be safely diluted with water.

