

NITROSAFE™ ACID SYSTEM

The Smarter, Safer Alternative to Traditional Acid Treatments

Features

-  Requires no iron control agent addition for most applications
-  EPA-compliant standard for 10-day direct release bio-degradation; biodegradable in 10 days or less; approved for direct discharge; made with Cleangredients and ingredients recognized by the EPA's Design for the Environment safer ingredients
-  Safe on most metals, piping and pumping equipment
-  Nontoxic; non-fuming; non-mutagenic; no VOCs
-  No secondary containment required as per Chapter 62-761F.A.C.
-  Eliminates foulants
-  Requires no additional corrosion inhibitor step for most applications
-  100% biodegradable, acid-free and naturally inhibited

STORAGE AND HANDLING: NitroSafe has a storage life of better than one year. Keep container closed when not in use. As with all chemical products and materials, take care as to where you store them. Safety glasses are suggested for use when handling this product. No special gloves or protective equipment are required when handling this product. When pumping this product, it is strongly recommended to use manufacturer approved hose couplings or fittings. **DO NOT USE ALUMINUM FITTINGS.** 316 Stainless Steel, polypropylene, polyethylene are recommended. **PACKAGING:** NitroSafe is shipped in bulk tanker trucks or 225 gal totes from the manufacturing facility. Smaller packaging quantities are available upon request.

The recommendations provided in this data sheet are based on tests and information believed to be reliable. However, as the conditions of use are beyond the control of NitroChem Solutions, no express or implied guarantee is made regarding the results obtained when the product is not used as directed or outside standard safe practices. The user assumes full responsibility for any consequences, including injury or damage resulting from misuse of the product—whether used alone or in combination with other materials. This document does not grant a license to operate under, or imply recommendation to infringe upon, any existing patents.

NitroSafe™ delivers powerful performance in refinery and plant applications—without the hazards. Engineered as a safe, high-performing replacement for conventional acid systems, NitroSafe is non-regulated by US DOT and Canadian TDG and boasts a triple-zero HMIS score for health, flammability, and reactivity.

NitroSafe™ is crafted exclusively with ingredients listed on the EPA's Design for the Environment (DfE) Safe Chemical Ingredients List—the gold standard for environmentally responsible chemistry. We take it a step further by using only Green Circle-rated components, verified by the EPA as the lowest concern for health and environmental impact.

Part of our Green Foot Forward™ initiative, NitroSafe™ reflects our commitment to sustainability without sacrificing performance. The standard formula includes built-in iron control agents and de-emulsifiers, and typically requires no organic acids or corrosion inhibitors, simplifying your operations and reducing risk on site.

Typical Physical Properties

Appearance and Color	Colorless to slight yellow liquid
Initial Freeze Point	-24.88°F (-31.6°C)
Odor	Odorless to mild soapy odor
Solubility in water	100%
Flashpoint	None
Specific Gravity	1.152 ± 0.04z

NitroSafe™. Proven performance. Unmatched safety. Responsible by design.

