

NuGenTec® NR11

Technical Data Sheet

Rust preventative - Ferrous Metal Indoor Rust Protection

Description:

NuGeneration Technologies NuGenTec® NR 11 is a mildly alkaline, sodium nitrite based indoor rust preventative for ferrous metals. Designed to provide up to 90 days of indoor rust protection by leaving a dry, non-oily, non-waxy film on ferrous metals. May be applied by spray or immersion. May be added to alkaline solutions to improve rust protection.



NuGenTec NR 11 may be used as a final seal in phosphating systems to prevent flash rusting. Do not mix with amines or acids.

Application:

NuGenTec® NR 11 can be applied by addition to process tanks like cleaners for tank, ultrasonic, and spray. Or it can be used as a final rinse. Both cases will prevent flash rusting and provide indoor rust protection to steel and cast iron parts.

Product Benefits

- Water soluble
- No odor
- Non-flammable
- Zero VOC

Physical Properties



Typical Usage Parameters:

Description	Mild Alkaline Liquid
Concentration Range	1-10%
Operating Temperatures	Ambient
Spray	YES
Immersion	YES
Ferrous metals	YES

Physical Properties:

pH, Concentrate	9.5
pH, @ 1% by volume	8.5
Bulk Density, lbs/gal	9.9
Foam	None
Solubility in water	Complete
Film type	Dry
Odor	None
Silicated	NO

Availability: 5, 55, 275-gallon. Also in bulk tankers.

Shipment: DOT – Non-Regulated Material, Liquid

Storage: Keep out of direct sunlight. Keep from freezing. Store between 40 ° F - 120 °F.

Disposal: Dispose of in accordance with local, state, and federal regulations. For assistance with disposal contact NuGeneration Technologies at 888-99-NuGen or email: info@nugentec.com.

Regulatory: This product is classified and labeled according to the Globally Harmonized System (GHS).

EMERGENCY OVERVIEW:

Combustible liquid. Causes skin irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. Toxic to aquatic life.

SAFETY:

Please make sure you have read and understand the product label and SDS before using this product. Avoid breathing vapors, spray or mists. Use only with adequate ventilation. Wash thoroughly after handling. Observe label precautions.

**1155 Park Avenue
Emeryville, CA 94608**

Phone: (888) 99-NuGen

Phone: (888) 996-8436

Fax: (707) 891-3012

www.NuGenTec.com

salesteam@NuGenTec.com