



PRODUCT BULLETIN

LDN-225

BE #7311

PRIMARY APPLICATION

LDN-225 is a multi-metal safe, free rinsing nitrite liquid detergent typically used to clean newly machined parts, screw machine parts, printed circuit boards and finished products. Its low foaming action is designed to remove light oils, chips, light flux and other contaminants.

FEATURES & BENEFITS

- Biodegradable
- Multi-metal safe
- Free-rinsing
- Low foaming
- Superior rust protection
- No turpines
- Non-flammable
- Forces oils to surface for easy skimming
- Safer for employees and the environment
- Non-hazardous
- No VOC or HAP
- No CFC's
- No SARA 313's
- Non-corrosive
- Prevents Flash Rust
- No Amines



TYPICAL SOILS

- Light oils
- Chips
- Light Flux
- Finger Prints
- Shop Dirt

PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, colorless liquid

Odor: Little or no odor

Specific Gravity (H₂O=1): 1.0

Weight/gallon:

Flash Point: None

Boiling Point: 212°F

Evaporation Rate: Slower

pH (as is): 8.0-9.0

% VOC: 0

% HAP: 0

Vapor Pressure (mmHg): <1

Vapor Density (air=1): 1.0

Water Solubility: Complete

Melting Point: ND

RECOMMENDED USAGE

Application Procedure: Spray or Immersion

Temperature: 130 - 160°F

Concentration: 2-5% by volume

Concentration and temperature may be adjusted to achieve maximum cleaning performance.

Note: When used in equipment fabricated from mild steel, RPN-225 rust inhibitor should be used in conjunction with LDN-225 to ensure sufficient protection against corrosion.

COMPATIBILITY

LDN-225 is multi-metal safe for use on metals including aluminum, brass, bronze, copper, iron, steel and composites in addition to most precious metals, plastics and rubbers.

Do not mix with amines or amine-containing substances.

NOTES FOR USE

- Stainless steel, mild steel and polypropylene equipment can be used.
- Follow with a thorough rinse to remove all cleaner residue.
- Better Engineering RPN-225 rust inhibitor may be added for extended rust protection.
- Prevent spotting on polished surfaces by final rinsing with deionized (DI) or reverse osmosis (RO) water.
- Dry parts with hot or circulating air.

STORAGE AND HANDLING

The Material Safety Data Sheet should be read and understood by all personnel in contact with the product. It is a non-flammable, non-corrosive liquid. Packaged in polyethylene containers with a suggested shelf life of one year. Store out of direct sunlight at 40-100°F. Keep container closed when not in use.

AVAILABILITY

LDN-225 is available in 5-gallon and 55-gallon containers.