



LPS 3[®]

Premier Rust Inhibitor



FEATURES

- Protects for up to 2 years indoors
- Prevents rust and corrosion
- Safe on all metals
- Safe to use on rubber, fabric, plastics, and paints
- Inhibits exfoliation and filiform corrosion of aluminum
- Safe on all metals
- Penetrates to displace moisture

APPLICATIONS

- Aircraft fuselages
- Battery terminals
- Cables, chains, and pulleys
- Cargo sections
- Interior sections of vehicle doors
- Metal parts
- Pumps and hose assemblies

SPECIFICATIONS AND APPROVALS

- Airbus AIMS 09-08-001
- ASTM F-945-12
- BMS 3-23G Type II Class I
- Caterpillar 1E4967
- MIL-PRF-16173E Grade 2 Class 1 - except for para. 4.6.4
- NSF International, H2 (Aerosol)
- NSF International, H2 (Bulk)

PROPERTIES

Appearance / Physical State	Cloudy, Liquid.
Color	Brown.
Odor	Mild, Cherry
Boiling Point / Range	Aerosol: Not Available, Bulk: 320 - 392°F (160 - 200°C)
Flash Point	Aerosol: 64.4°F (18.0°C), Bulk: 104.5°F (40.3°C) TCC
Evaporation Rate	Aerosol: 151 (Ethyl Ether), Bulk: 0.2 (butyl acetate=1)
Flammability	Flammability limit: Lower = 0.6%, Upper = 6%
Vapor Pressure	Aerosol: Not Available, Bulk 2.6 mm Hg @20°C
Vapor density	Aerosol: Not Available, Bulk 4.8
Water Solubility	Insoluble.
Auto-Ignition Temperature	446°F (230°C)
Viscosity	Aerosol: Not Available, Bulk: 20 - 550cP
Density	Aerosol: 7.28 lb/gal, Bulk: 6.82 lb/gal
Percent volatile	Aerosol: 63-82 %, Bulk: 78.45%
Specific Gravity	Aerosol: 0.87, Bulk: 0.81 @ 20°C
Propellant	Aerosol: Carbon Dioxide, Bulk: N/A
VOC Content	Aerosol: 62.8%, Bulk: 75.58%
Dielectric Strength	15.6 kV

DIRECTIONS

Aerosol: Shake well before using. Apply on clean surface when possible. Bulk: Apply on clean surface when possible. Additional applications may be added as needed. Safe to use on fabric, rubber, paint and other finishes. Easily removed with LPS PreSolve[®] Orange Degreaser or LPS[®] A-151 Solvent/Degreaser.

HANDLING

Aerosol: Do not pierce or burn, even after use. Do not spray on a naked flame or any other incandescent material. All equipment used when handling the product must be grounded. Avoid breathing gas. Avoid contact with skin. Avoid contact with eyes. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Bulk: Do not handle, store or open near an open flame, sources of heat or sources of ignition. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Wash hands thoroughly after handling.

STORAGE

Aerosol: Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. Store locked up. Bulk: Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

DISPOSAL

Aerosol: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. Bulk: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

AVAILABLE PRODUCTS

US	Part No.		Net Contents	Container Type	Units/Case	Approximate Case Weight
	Canada	Europe				
00316	C30316	M00316	11 wt oz / 312 g / 380 mL	aerosol	12	12 lbs
00322	C00322		20 fl oz / 591 mL	trigger	12	18 lbs
03128	C03128		1 gal / 3.78 L	bottles	4	33 lbs



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