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BOLITCH Multi-Purpose Anti-Rust Lubricant & Penetrating Spray

Models: BLC-CLN-002-24B (0.45 kg x 24 bottles per carton)
Document TDS-CL-04 | Version 1.0 | Issued 24 September 2026

1. Product description

Multi-purpose penetrating anti-rust lubricant (aerosol, 6-in-1). Special penetrating formula: rust removal, lubrication, anti-seize and long-term corrosion protection.

2. Typical properties

Product Type	Multi-purpose penetrating anti-rust lubricant (aerosol)
Appearance	Light amber, clear liquid
Specific Gravity @25 °C	0.80 ±0.02
Kinematic Viscosity @40 °C	approx. 2.5 mm ² /s (ASTM D445)
Flash Point (closed cup), °C	≥43
Non-volatile Matter, % by weight	≥22
Freezing Point, °C	≤-73
Salt Spray Test (ASTM B117)	72 hours, no rust
Humidity Cabinet Test	1,000 hours, no rust
Dielectric Strength	≥35,000 V at 2.5 mm (ASTM D877)
Coverage, m ² /L	14-24
Service Temperature Range, °C	-45 to 149

Values are typical for the formulation and are not guaranteed specification limits. Bracketed references indicate the test method the value is expressed by. A Safety Data Sheet (SDS / MSDS) is supplied per formulation.

3. Packaging, weight and logistics

Packing	N.W / unit	N.W / carton	G.W / carton	Models
0.45 kg aerosol x 24 / carton	0.45 kg	10.8 kg	11.8 kg	BLC-CLN-002-24B
HS code	3403.19			
Shelf life / storage	3 years (unopened, store in a cool place away from sunlight and heat)			

4. Recommended applications

Used on metal parts, nuts and bolts, locks and hinges, chains, bearings, moulds, hand tools, electromechanical equipment and automotive, motorcycle, agricultural and marine components - for corrosion protection, lubrication, moisture removal and rust release.

The penetrating formula creeps quickly into rust and micro-gaps to free seized fasteners, removes grease, adhesive residue and old lubricant, and drives moisture out of electrical equipment and ignition systems to restore contact conductivity.

Widely used in industrial manufacturing, vehicle servicing, marine, agriculture and home maintenance.

5. Use, handling and safety

Shake well and spray from 15-20 cm. Allow a few minutes to penetrate before working the part or wiping clean. Use with care on polycarbonate (PC) and polystyrene (PS).

Handling, personal protection, first aid and transport classification are given in the Safety Data Sheet (SDS / MSDS) supplied per formulation.

6. Documents supplied

Safety Data Sheet (SDS / MSDS) - supplied per formulation, available on request. | This Technical Data Sheet. | Other export documents supplied per shipment as required for customs clearance.

7. Standards and test methods referenced

Standards referenced in formulation and testing:

- ASTM B117 - salt spray test
- ASTM D877 - dielectric breakdown voltage

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- MIL-C-23411 - multi-purpose metal conditioner requirements (equivalent formulation)
- Formulated free from benzene, silicone and CFCs; RoHS / REACH requirements referenced

Test methods referenced:

- ASTM B117 - salt spray
- ASTM D877 - dielectric breakdown voltage
- ASTM D445 - kinematic viscosity

The standards and test methods below are quoted as the technical references used when formulating and testing this product. This list is not a certification, approval, licence or mark of conformity. No third-party certification, OEM approval or product licence is claimed or held. Where the market requires conformity assessment (for example PVoC, TBS or O'zDSt), the application is normally filed by the importer or an authorised local representative; we support it with samples, technical documentation and translations.

8. Performance highlights

- Six functions in one: rust prevention, lubrication, cleaning, moisture displacement, rust release and contact conductivity
- Special penetrating formula - creeps into rust fast to free seized bolts and stuck parts
- 72 hours salt spray with no rust - one spray leaves a durable protective film
- High dielectric strength ($\geq 35,000$ V) - safer on live equipment and electrical contacts
- Wide service range (-45 °C to 149 °C) - no gelling in the cold, no run-off in the heat
- Ultra-thin film (0.0025-0.0076 mm) - will not affect fit or tolerances