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## BOLITCH Ready-to-Use Windshield Washer Fluid | Neutral Formula | 0 °C

Models: BLC-CLN-001 (1 kg x 24 bottles per carton)  
Document TDS-CL-03 | Version 1.0 | Issued 24 September 2026

### 1. Product description

Water-based windscreen washer fluid, grade WW-0. Ready-to-use, no dilution required.

### 2. Typical properties

|                                      |                                                                               |
|--------------------------------------|-------------------------------------------------------------------------------|
| <b>Product Type (GB/T 23436)</b>     | Water-based washer fluid, grade WW-0                                          |
| <b>Form</b>                          | Ready-to-use washer fluid (no dilution required)                              |
| <b>Freezing Point, °C</b>            | ≤0                                                                            |
| <b>pH Value (SH/T 0069)</b>          | 6.5-10.0 (neutral formula)                                                    |
| <b>Methanol Content, mg/L</b>        | ≤200                                                                          |
| <b>Surface Tension, mN/m</b>         | ≤48                                                                           |
| <b>Mechanical Impurities</b>         | None                                                                          |
| <b>Appearance</b>                    | Brightly coloured liquid, free from separation, sediment and suspended matter |
| <b>Metal Corrosion (50 °C, 48 h)</b> | Aluminium ±0.20 / brass ±0.10 / galvanised steel ±0.50 mg/cm <sup>2</sup>     |
| <b>Effect on Rubber</b>              | No tackiness, blistering or carbon-black bleed; hardness change ±5.0 IRHD     |
| <b>Effect on Vehicle Paint</b>       | Film hardness ≥HB, no softening or blistering of the paint film               |

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      |
|-----------------------------|--------------------------------------------------------------|--------------|--------------|-------------|
| 1 kg bottle x 24 / carton   | 1 kg                                                         | 24 kg        | 25 kg        | BLC-CLN-001 |
| <b>HS code</b>              | 3402.20                                                      |              |              |             |
| <b>Shelf life / storage</b> | 3 years (unopened, store away from heat and direct sunlight) |              |              |             |

### 4. Recommended applications

Suits the windscreen washer systems of all passenger cars, commercial vehicles and construction machinery.

Ready to use straight from the bottle - no dilution needed, just fill the reservoir. It quickly removes dust, bug residue, tree sap, bird droppings and light oil film, keeping the windscreen clear.

The neutral, mild formula will not harm wiper blades, paintwork, washer jets or hoses. The 0 °C grade is for use above 0 °C (spring / summer and tropical markets); for severe cold choose our -25 °C / -40 °C winter grades.

### 5. Use, handling and safety

Ready to use - fill the washer reservoir directly, no dilution needed. For use above 0 °C.

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:

- GB/T 23436-2025 - Windscreen washer fluid for automobiles, water-based grade WW-0
- GB 15085 - Performance requirements for automotive windscreen wipers and washers
- Methanol limit ≤200 mg/L, per the current national standard limit

Test methods referenced:

- SH/T 0069 - pH value

The standards and test methods below are quoted as the technical references used when formulating and testing this product. This list is not a

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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**

- Neutral, mild formula - safe on wiper blades, paintwork, hoses and washer jets
- Low methanol ( $\leq 200$  mg/L) - safer to use and kinder to the environment
- Strong cleaning power - breaks down bug residue, tree sap, bird droppings and light oil film fast
- Low surface tension ( $\leq 48$  mN/m) - spreads fast, leaves no streaks and never blocks your view
- Compatible with rubber, plastics, metals and automotive organic coatings
- Ready-to-use - pour straight in, no mixing required