



Technical Data Sheet (TDS)

Issued by:

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OEM AUTOMATIC CAR WASH POWDER SHAMPOO

Product Lineup

- OEM Automatic Car Wash Powder Shampoo 20kg

1. Product Concept

This product is a high-concentration powder shampoo specifically designed for automatic car wash systems.

It delivers strong cleaning performance with a small amount, effectively removing road film, grease, and fine dirt accumulated during driving.

With excellent water solubility and stable foam performance, it maintains consistent washing quality even in high-volume automatic car wash facilities.

2. Composition & Key Features



- Type: Powder shampoo for automatic car wash systems
- pH: 6.0-8.0 (1 % aqueous solution)
- Form: Powder
- Recommended Dilution Ratio: Approx. 1000× at discharge (adjust according to equipment conditions)
- Recommended Usage Amount: Approx. 1 g per vehicle
- Applicable Materials: Automotive painted surfaces, exterior resin parts, metal components
- Finish: Clean and uniform wash finish

Grade Configuration

- Not applicable (single grade)

Key Features

- Strong cleaning power achieved with a high-concentration formulation
- Stable foam generation even at low concentration
- High water solubility reduces the risk of clogging inside equipment
- Powder form ensures efficient transportation and stable storage

3. Performance & Characteristics

Cleaning Performance

Efficiently removes oil-based contamination, road grime, and fine dust particles.

Removal Performance

Effective against road-derived oil films and adhered contaminants.

Foam Quality & Foam Stability

Produces rich and stable foam suitable for automatic car wash systems.

Safety

Formulated with consideration for painted surfaces, resin parts, and metal components.

Ease of Operation

Stable operation is possible once dissolved and supplied through the equipment.



Cost Efficiency

High cost performance achieved through effective cleaning with a small usage amount.

Non-Applicable Contaminants

Heavily bonded inorganic scale and severe adhered deposits.

4. Recommended Application Areas

- Automotive painted body surfaces
- Exterior resin parts
- Wheels (painted or resin surfaces)

5. Application Method

1. After pre-dilution, add the product into the shampoo tank of the automatic wash system.
2. Set dilution and supply levels according to machine recommendations (approx. 1000× dilution at discharge).
3. Agitate thoroughly and ensure the powder is completely dissolved.
4. Operate the car wash system and perform the standard washing cycle.

6. Precautions During Application

- Avoid inhaling dust.
- Prevent contact with eyes and skin; use appropriate protective equipment.
- To prevent moisture absorption, always seal tightly after use.

7. Summary of Product Properties

- High-concentration powder shampoo designed exclusively for automatic car wash systems



- Combines strong cleaning performance with stable foam quality
- Professional-grade formulation suitable for high-volume operations

8. Remarks

- Always follow the Safety Data Sheet (SDS) when handling this product.
- Avoid storage under direct sunlight, high humidity, or freezing conditions.
- After opening, reseal promptly to prevent moisture absorption during long-term storage.

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Specifications and details are subject to change without prior notice.