



# PRODUCT PROFILE



## THUNDER™ POWDER

FORMULA 9117

Heavy Duty, High Foaming Powdered Exterior Wash Detergent



### DESCRIPTION

Thunder™ Powder is a heavy duty powdered vehicle detergent that creates a generous amount of foam on vehicles. Thunder™ Powder was formulated for washing passenger cars and trucks in Automatic and Self-Serve car / truck wash systems and for hand washing. It can also be used as a general purpose cleaner. High foam levels provide excellent dwell time on vertical surfaces. 100% Biodegradable.

### AT A GLANCE



- > **Excellent penetrating power**
- > **Higher Alkalinity for removal of heavy soils and grime**
- > **High Foaming levels provide excellent dwell time**
- > **Very stable in hard water**

### APPLICATIONS

Automatic Carwashes  
Self-Serve Carwashes  
Tunnel Carwashes

Truck Washing  
Fleet and Equipment Washing

### SPECIFICATIONS

**Physical Form:** Powder

**pH (1% dilution):** 11.0 - 12.0

**Recommended Dilution:** 800:1 up to 1600:1

**DOT Class:** None

**Color:** White

**Fragrance:** None

### PRODUCT AVAILABILITY

Available Sizes	Container Type	Weight per Container	QTY per pallet	Ships UPS	Additional Hazard Fee
40 Lbs.	Box	40 lbs.	30	Yes	
400 Lbs.	Fiber Drum	400 lbs.	4	No	N/A



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## Sample Label

**DIRECTIONS:**  
Pre-Soak: Mix 2 lbs per 5 Gals then meter 30:1 to 40:1.  
White Wall Tires: 2 lbs per 5 gals then meter from 20:1 to 30:1.

**DESCRIPTION:**  
◆ Extra Concentrated Blend That Quickly Penetrate & Remove Soils  
▲ Safe in Foam Cleaners

**INGREDIENTS:**  
Sulfuric Acid, Hydrochloric Acid, Sodium Carbonate, and Proprietary Surfactants.

**WARNING:**  
DANGER!! May cause severe eye irritation upon direct eye contact. Prolonged or repeated skin contact may cause reddening and irritation. Inhalation of dust may irritate nose, throat and mucous membranes. Vapors may irritate or burn mouth, throat and stomach. Wear proper protective clothing when handling.

**FIRST AID:**  
Eyes: Flush with water for 15 minutes. Get medical attention if irritation persists. Skin: Flush thoroughly with water. Inhalation: Remove patient to fresh air. Ingestion: Dilute by drinking 2 large glasses of water. Consult a physician immediately.

**ATTENTION:** Refer to our MSDS regarding handling and disposal of this product.

**IN CASE OF EMERGENCY:** Call Chemtrec day or night for assistance and information concerning spilled material, fire, exposure, and other accidents. 1-800-424-9300

Manufacturer warrants this product to its label description. MANUFACTURER MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, WHETHER OF FITNESS OR MERCHANTABILITY OR ANY OTHER MATTER RESPECTING THE PRODUCT; IN NO CASE SHALL MANUFACTURER OR SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. Manufacturer and Seller's liability shall be limited to return of the purchase price.

The above may be affected by state or local government restrictions or laws. Some states do not allow any limitations upon implied warranties of fitness and merchantability for certain products.

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VEHICLE APPEARANCE PRODUCTS

**THUNDER**  
HEAVY DUTY PRE-SOAK  
LOW POWDER

**FORMULA 9117**  
NET. CONTENT 40 Lbs (18.2 Kg)  
400 Lbs (180 Kg)

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**Attention:** Refer to our Material Safety Data Sheet regarding hazards, personal protection, and disposal of this product.

## RESEARCH

Through R&D and field testing, KO Chemists combine creativity with technology to bring you products with the performance you require. Using our sophisticated KO lab we continually test new products, existing products, and our manufacturing processes for effectiveness and affordability. When a new product meets our requirements, it goes to a select group of end-users for real-world evaluation. Only after testing, evaluating, and re-testing is a KO product ready for distribution.

**KEEP IT CLEAN™**  
**KO MANUFACTURING, INC.**  
2720 E. Division • Springfield, MO 65803

**800.777.SOAP**  
**800.777.7627**  
www.komfg.com