



PRODUCT PROFILE

METAL TREATMENT

PRE-CLEAN PLUS™

FORMULA 229

Low Foaming Parts Cleaner



DESCRIPTION

Pre-Clean Plus™ is a heavy-duty, high alkaline cleaner for use in industrial hot soak tanks or spray cabinet washers. It routes out and removes heavy greases and carbons. Pre-Clean Plus™ is a powerful formula, with a long lasting solution, and a greater efficiency over long periods of time. Pre-Clean Plus™ has a rust inhibitor added to the formula to help prevent spray cabinets and parts from rusting. 100% Biodegradable.

AT A GLANCE

- > *Most Versatile Parts cleaning powder*
- > *Heavy Duty enough for most cleaning applications*
- > *Dissolves quickly into solution*



APPLICATIONS

Machine Shops
Manufacturing Plants
Remanufacturing Plants

Powder Paint Facilities
Liquid Paint Facilities

SPECIFICATIONS

Physical Form: Powder

pH (1% dilution): 11.0 - 12.0

Recommended Dilution: 1/4 - 1 Lb : 2 gallon water

DOT Class: None

Color: Orange

Fragrance: Citrus

PRODUCT AVAILABILITY

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



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Sample Label

METAL TREATMENT

SAMPLE LABEL

KO

PRE-CLEAN PLUS™

LOW-FOAMING PARTS CLEANER

FORMULA 229

NET CONTENT 40 Lb (18.2 Kg) ■ 400 Lb (180.8 Kg)

DIRECTIONS:
Soak Tank Cleaning: Mix 1/2 to 1 pound to every 2 gallons of water. Spray Cabinet Washer: Mix 1/4 to 1 pound to every 2 gallons of water.

INGREDIENTS:
Alkaline Agents, Water Conditioners, Buffering Agents, Proprietary Surfactant Blend, And Corrosion Inhibitors.

WARNING:
Caution!! Irritant!! 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. Ingestion can irritate or burn mouth, throat and stomach. Wear proper protective clothing when handling.

FIRST AID:
Eyes: Flush with water for 15 minutes and 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.

CAUTION: Refer to our MSDS regarding Handling and disposal of this product. In an EMERGENCY: Call Chemtrac day or night for assistance and information concerning spilled material, fire, explosion, or other accidents. Call 1-800-424-9300.

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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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™
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