



# PRODUCT PROFILE

## METAL TREATMENT

### CAST IRON CLEANER

FORMULA 251

Heavy Duty Low Foaming Parts Cleaner



#### DESCRIPTION

Cast Iron Cleaner is an extra heavy duty, alkaline cleaner for use in industrial hot tanks or parts cleaning spray cabinets. Strong cleaning agents remove heavy greases and carbons while special defoaming agents increase rinse efficiency and keep foaming to a minimum. This powerful, long lasting formula has greater efficiency and increased corrosion protection than many other cleaners. Completely Biodegradable. **NOT RECOMMENDED FOR SOFT METALS**

#### AT A GLANCE

- > *Our most aggressive Parts Cleaning Powder for aggressive soils*
- > *Dissolves quickly into solution*
- > *Corrosion Inhibitors help protect against flash rusting*



#### APPLICATIONS

Machine Shops  
Manufacturing Plants  
Remanufacturing Plants

Powder Paint Facilities  
Liquid Paint Facilities

#### SPECIFICATIONS

**Physical Form:** Powder

**pH (1% dilution):** 12.0 - 13.0

**Recommended Dilution:** 1 lb : 4 gallons water

**DOT Class:** Corrosive

**Color:** White

**Fragrance:** None

#### PRODUCT AVAILABILITY

Available Sizes	Container Type	Weight per Container	QTY per pallet	Ships UPS	Additional Hazard Fee
40 Lbs.	Round Pail	40 lbs.	20	Yes	Yes
400 Lbs.	Fiber Drum	400 lbs.	4	No	N/A



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Sample Label

**METAL TREATMENT**

**KO**

**SAMPLER**

**CAST IRON CLEANER™**

**HEAVY DUTY  
LOW FOAMING  
PARTS CLEANER**

Corrosive Solid, n.o.s  
(Sodium Hydroxide), UN 1759

**FORMULA 251**

**NET CONTENT 40 Lb (18.2 Kg)**

**DIRECTIONS:**  
Hot Soak Tanks or Spray Cabinets: Mix 1 pound of Cast Iron Cleaner to every four gallons of warm water (90-100°F). Heat tank to 180-185°F. Stir, air agitate, or pump cycle the solution for 5 minutes to thoroughly mix powder. Materials To Avoid: All Acids And Soft Metals Such As Aluminum And Zinc.

**INGREDIENTS:**  
Sodium Hydroxide, Blend of Complex Phosphates, Organic Chelation Agents, and Nonionic Surfactants.

**WARNING:**  
**WARNING!! Corrosive Material!!** Contact with skin and eyes may cause severe burns. Inhalation of mist can cause irritation and burns to nose, throat and mucous membranes. Ingestion can cause severe burns to mouth, throat and stomach. When handling, wear safety glasses, rubber gloves, apron and rubber boots.

**FIRST AID:**  
Eyes and Skin: Flush thoroughly with water for 15 minutes and consult a physician immediately. Inhalation: Remove to fresh air. Treat symptomatically. Ingestion: Do not induce vomiting. Dilute by drinking 2 large glasses of water. Get medical attention immediately. Never give anything by mouth to an unconscious person.

**CAUTION:** Refer to our MSDS regarding Handling and disposal of this product.

**EMERGENCY:** Call Chemtrac, day or night for assistance and information concerning spilled material, fire, explosion, or other accidents. Call 1-800-424-9300.

WARRANTY: Refer to its label description. MANUFACTURER MAKES NO WARRANTY, EXPRESS OR IMPLIED, REGARDING THE PRODUCT; IN NO CASE SHALL MANUFACTURER BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL OR DIRECT 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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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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