



# PRODUCT PROFILE

## METAL TREATMENT

### LOCKOUT™

FORMULA 122

Molybdate Free Cleaner and Phosphatizer



#### DESCRIPTION

Lockout™ is a **MOLYBDATE FREE** liquid which produces a crystalline iron phosphate coating on steel, cast-iron, and zinc coated alloys by spray or immersion methods. It provides the excellent corrosion protection and exceptional paint adhesion to that of untreated metal. Lockout™ is designed specifically for the industrial user who wishes to save time by using a one-step cleaner/phosphatizer. This molybdate free formula helps operators stay within compliance with local municipalities.

#### AT A GLANCE

- > **Molybdate Free Formula**
- > **Low Trace Mineral Content formula helps keep users in compliance with local municipalities**
- > **Provides excellent corrosion protection and allows for exceptional paint adhesion**



#### APPLICATIONS

Machine Shops  
Manufacturing Plants  
Remanufacturing Plants

Powder Paint Facilities  
Liquid Paint Facilities

#### SPECIFICATIONS

**Physical Form:** Liquid

**pH (1% dilution):** 2.0 - 3.0

**Recommended Dilution:** 40:1 up to 128:1 (Varies)

**DOT Class:** Corrosive

**Color:** Clear

**Fragrance:** None

#### PRODUCT AVAILABILITY

Available Sizes	Container Type	Weight per Container	QTY per pallet	Ships UPS	Additional Hazard Fee
5 Gallon	Round Pail	50 lbs.	20	Yes	Yes
55 Gallon	Poly Drum	550 lbs.	4	No	N/A



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FORMULA 122

Sample Label

**MOLYBDENUM FREE**

**KO**

**LOOK OUT™**

**CLEANER AND PHOSPHATIZER**

Corrosive Liquid, n.o.s  
(Phosphoric Acid), UN 1760

**FORMULA 122**

NET CONTENT 5 Gal (19 Liters)

**BEWARE**

**DIRECTIONS:**  
Use ratio may vary from 40 to 1 or 128 to 1 depending on the exact application. Spray solution on metal surface, allow 1 to 2 minutes dwell time, rinse with fresh water.

**INGREDIENTS:**  
Complex Phosphates, Phosphoric Acid, 2-Butoxyethanol and Nonionic Surfactants.

**HAZARD 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 Chemtrec day or night for assistance concerning spilled material, fire, explosion or other emergency. 1-800-424-9300

Manufacturer's liability is limited to its label description. KO MANUFACTURING, INC. MAKES NO WARRANTY, EXPRESS OR IMPLIED, MERCHANTABILITY OR ANY OTHER PROPERTY OF THIS PRODUCT, IN NO CASE SHALL MANUFACTURER OR SELLER BE LIABLE FOR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. Manufacturer and Seller 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.

KO MANUFACTURING, INC.  
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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.