

# CIMCLEAN® HA401D



## DESCRIPTION

CIMCLEAN HA401D is a heavy-duty cleaner for ferrous and non-ferrous metals.

## APPLICATION

CIMCLEAN HA401D is intended primarily for use in large multiple stage tunnel washers, cleaning aluminum and ferrous parts or sheet stock. It is also excellent in cleaning off soils such as metal forming lubricants, coolants and corrosion inhibitors.

## FEATURES & BENEFITS

- Provides excellent detergency.
- Protects parts and media from corrosion.
- Effective in a wide range of water hardness.
- Best used at temperatures 115~160°F.

## RECOMMENDED STARTING DILUTIONS

CIMCLEAN HA401D is to be mixed with water for use. Always add concentrate to water. Add no other materials to the concentrate or mix unless approved by your CIMCOOL® District Manager.

- Spray Washers: 3% to 10%
- 5% Mix pH is typically: 11.7

## HANDLING & STORAGE

If frozen, product separates. Thaw completely at room temperature and stir. Inside storage is recommended.

## SAFETY DATA SHEET:

Available at [www.cimcool.com](http://www.cimcool.com)

For additional information refer to its OSHA SDS, website or contact your local CIMCOOL® TECHNICAL SPECIALIST OR DISTRICT MANAGER, or you may contact CIMCOOL® Technical Services at +86-21-58486100.

# RUST INHIBITOR 56H

## Corrosion Inhibitor

### Description

**RUST INHIBITOR 56H** will passivate steel surfaces due to the presence of selected corrosion inhibitors. Parts dipped in **RUST INHIBITOR 56H** will, after drying, be protected or inhibited against corrosion. A few examples where such a dip is required is in the final rinse after plating, cleaning, pickling, phosphating, tumbling, wet grinding, or general machine shop use between operations. **RUST INHIBITOR 56H** does not contain any nitrites.

Water evaporates almost immediately from a metal surface after withdrawing from a dip in warm **RUST INHIBITOR 56H**. This extremely fast drying occurs because of the inhibitors present which reduce surface tension to a remarkable degree and accelerate the shedding of water from all surfaces. The remaining invisible, dry, non-oily film, which is non-measurable, will inhibit against rust or corrosion. The properties of the metal surface are unchanged and retain their original luster or brightness.

### Form

**RUST INHIBITOR 56H** is an alkaline liquid.

### Use Instructions

Bath Parameters:

Concentration: 1 – 5% by Volume  
Temperature: 70°F – 160°F (140°F - 160°F Preferred)  
Time: 30 Seconds – 3 Minutes

Parts should be thoroughly dried prior to packaging or storage.

### Safe Handling and Storage

#### Instructions

**RUST INHIBITOR 56H** is mildly alkaline.

Caution: **RUST INHIBITOR 56H** contains amines. This product should not be used in operations where nitrite containing products are used due to the possible formation of carcinogenic nitrosamine compounds.

Read the current Safety Data Sheet thoroughly before using this product.

#### Disposal

**RUST INHIBITOR 56H** is mildly alkaline and may be disposed of with alkaline cleaner wastes. Consult local, state and federal authorities for waste disposal requirements.

#### Precautions

KEEP OUT OF THE REACH OF CHILDREN.

Please refer to the label and Material Safety Data information for all warnings, recommendations for safety equipment, and other regulatory information. Copies of the Material Safety Data information can be ordered by calling +86-21 58486100.