

# liquid cleaners/degreasers

Since 1927, Arrow-Magnolia has helped people solve their cleaning and maintenance problems with the finest products available today.

## HIGHLIGHTS

- Cleans, Removes Rust and Phosphatizes in One Operation
- Deposits Dense, Porous Iron Phosphate Coating for Rust Prevention
- Provides an Adherent Coating for Superior Paint Bonding
- Non Conductive Coating Prevents Development of Rust
- Easy to Apply
- Economical
- USDA Approved

## TYPICAL PROPERTIES

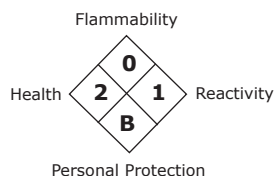
- Vapor Pressure: **38**
- Volatility: **58**
- Solubility: **Yes**
- Specific Gravity: **1.2161**
- Vapor Density: **N/A**
- pH: **2.5**
- Evaporation Rate: **Slower than Ether**
- Physical Description: **Clear Blue Liquid w/Acid Odor**

## SAFETY CAUTIONS

- Keep out of reach of children.
- Shelf Life of one year.
- Refer to SDS for additional safety information.



## HMIS RATINGS



# RUST OFF

## LIQUID DESCRIPTION:

RUST OFF is a balanced blend of special chemicals in an acid detergent base designed to be applied to iron (ferrous) metal surfaces to remove existing rust and deposit a protective iron phosphate coating in one operation.

The iron phosphate, non-conductive coating, which forms during the cleaning action, functions as an insulating film which actually prevents the corrosion reaction from occurring, thereby eliminating rust which develops on exposure of iron or steel to air and water. The coating further functions as a bonding agent in that it actually bonds a finished coat of paint, etc. to the base metal and thusly prevents chipping, flaking or rust "creepage" (progressive rusting beneath paint), in the event the coating is damaged.

**\*When used according to label instructions, this product is approved for use in USDA Inspected Meat and Food Processing Facilities.**

## DIRECTIONS:

RUST OFF is applied by dipping (cold tank), spraying or manually (brush or wipe) procedures. The optimum procedure to be used is determined by the size and/or shape of the metal pieces being derusted and phosphatized.

RUST OFF is a concentrate as received and requires dilution before using. The dilution ratio is determined by the amount and age of the rust on the metal parts to be cleaned. For newer and/or lighter rust deposits, RUST OFF can be diluted up to 1 part product to 30 parts water.

After dry after application to the cleaning and phosphatizing of the metal parts, the pieces are air dried (no longer tacky to the touch) and further metal finishing procedures are applied.

For metal objects where rusting is extremely severe and old, repeated applications of the RUST OFF solution may be necessary.

manufactured by:

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