

# Component 700

## ***Lo-Foam Detergent & Iron Phosphate Detergent & Iron Phosphate***

DM-33 a cost effective metal cleaner and Iron Phosphatizing compound for coating steel and non-ferrous metals of aluminum and zinc. A low foam product for use in multiple stage processes of 1-7 stages.

DM-33 provides excellent detergency for removal of difficult oils, lubes, smut, and other materials. Effectively enhances bonding and corrosion resistance of various paints and coatings. Provides a blue iridescent coatings.

Meets various quality specifications of automotive, government and military requirements.  
 Meets military spec TT-C-490, Type II.

## **Features & Benefits**

- Concentrated liquid for use in spray processes.
- Coatings Up to 80 mg/ft2...
- Non chlorate system.
- Low Use Cost
- Concentrated liquid.
- Low Foam as low as 90 deg. f.
- Low sludge and filterable
- Single stage processing can be used without concern of rust or staining

## **Physical Data**

pH	2.5
Product Type	Liquid
Spec. Gravity	1.37
lbs./gal.	11.43
Foam, 0 = Low, 9 = High	2
Shelf-Life Years	10 Years
Freeze Information	Not damaged by freezing

## **Typical Processing**

PRE-PAINT PROCESS:

1) DM-33, 2-4% BY VOLUME, 110- 140 f., 90 Sec., pH @ 4.5.- 5.2



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- 2) Rinse
- 3) Rinse, (with sealer conditioner optional) NCS
- 4) Deionized water rinse optional
- 5) Air blow off., ( Dry ovens should not exceed 250 f. for iron phosphates)

## Packaging

Container Type	Poly
Net Units	628
Tare Wt.	25
Gross Wt.	653
DOT_Name	UN 3264, Corrosive Liquid, Acidic, inorganic, N.O.S., (Phosphoric Acid),8, PG II,
DOT Hazard	Corrosive
Tarriff ID	

## Use Parameters

Concentration Range	2% - 4%
Temperature Range	125 - 180 Deg. F.
Time Range	75 - 180 seconds
Agitation	Spray

## Waste Disposal

Neutralize, remove oil, mud. Contact P.O.T.W Re: Phosphate

## Holding Tank Materials of Construction

Acid resistant, stainless or poly.

## Other Information

It is important that the OSHA DATA, "Material Safety Data Sheet" be carefully read and reviewed with the users of this product. OSHA data is required to be posted in the work area by law.



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