

Product Bulletin

Product Name Toner MG-2 Rinse Conditioner

Product Code: 2203904

Revision Date: May 5, 2025

Toner MG-2 Rinse Conditioner

MID RANGE MANGANESE GRAIN REFINER

TONER MG-2 is an ULTRA grain refiner used in the rinse stage prior to MANGANESE phosphatizing of metals. MG-2 tightens crystal formation even further than the MG--1, which in turn minimizes heavy coatings.

TONER MG-2 is also an activator which promotes Manganese Phosphate coatings on difficult surfaces of Ferrous metals.

TONER MG-2 enhances finished product quality by providing a wider window of process capability and repeatable

NOTE: GRAIN REFINERS MUST HAVE MILD AGITATION IN THE PROCESS SOLUTION.

Features & Benefits

- Powder, easily disperses in water.
- Low use cost.
- Provides typical crystal morphology of 2-5 micron
- Easily to control and use.

Typical Processing

1. Preclean surfaces in detergent.
2. Rinse.
3. Treated rinse. TONER MG-2. 1/4-1/2 OZ/GAL., 110-170 Deg. F. 1-4 min.
4. MG-11, MG-111, MG-22 manganese phosphate,5) Rinse, 6) SEAL OR RP rinse.
5. Air dry off.

Specifications

pH	8-9
Prod._Type	Spray or POWDER
Spc.Grav	0.00
LBS./GAL	0.00
FOAM 0=low 9=high	0
Shelf life years:	10 years
Freeze information	Not damaged by freezing



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Packaging

Container Type	POLY PAIL
Net Units	100
Tare Wt.	2
Gross Wt.	2
Dot Name	Not Regulated by D. O. T.
DOT Hazzard	Not Regulated
Tariff ID	2835.29

Use parameters

Concentration Range	.1-1.0 oz/gal.
Range	100-190 deg. F.
Time Range	½ - 8 minutes
Agitation	Spray or tank air, or mixer

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.

Waste Disposal

Neutralize

Holding Tank Materials of Construction

Steel, Stainless or Poly.

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Our People. Your Problem Solvers.

For more information on this process,
please call us at 203.756.5521 or email: techservice@hubbardhall.com

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