

Eco Quest One Step GM-4

No Rinse Clean and Bond Treatment

GM-4 is an advanced spray wand and immersion, "One Step" metal clean and bonding treatment for iron and other metals of aluminum and zinc. Provides in process rust protection and bonding and corrosion protection.

GM-4 provides anti-corrosion properties under paints and coatings. GM-4 provides a superior surface which is more receptive to painting and coatings. Provides enhanced bonding of all types of coatings. Mildly alkaline pH.

GM-4 is cost effective. Non chromate, biodegradable, non-phosphated, no metals. A nonhazardous product which provides exceptional quality and value in a single metal preparation step.

One Step Clean and Bond dry in place treatment.

Features & Benefits

- Provides excellent oil & soil removal and is a no-rinse product.
- Easy to control.
- Simple dilution with water.
- Free of metals or hazardous salts.
- Non-Chrome.
- Baking of final coatings is preferred. (Not mandatory however)
- Operates at a wide chemical use range (2.5 - 10 % by volume).
- Excellent performance with paints, sealers, adhesives and powder coating.
- Can be used in spray and immersion applications.
- A one-step clean - bond and dry - in -place.
- No rinsing.

(Note: If exceptionally greasy or thick oily residue is a problem, pre-flush first)

Physical Data

pH	9.5
Product Type	Liquid
Spec. Gravity	1.0
lbs./gal.	8.34
Foam, 0 = Low, 9 = High	9



Shelf-Life Years	10 years
Freeze Information	Not damaged by freezing.

Typical Processing

"One step" GM-4 clean & bond & dry using wand washer, or soak.

- 1) GM-4, 2-5% by volume, 100 - 165 F.
- 2) Air blow-off holes or recesses with puddles or trapped solution.
- 3) To paint. Note: GM-4 is generally used like a single use wash solution. Recycle of solution should be avoided due to oil and soil solids accumulation. (Unless filtered)

"One Step GM-4" is a simple but effective method to clean and treat metals for enhanced corrosion resistance and bonding of all types of coatings.

Packaging

Container Type	Poly
Net Units	458
Tare Wt.	25 lb.
Gross Wt.	490
DOT_Name	Not regulated by D.O.T.
DOT Hazard	Not regulated
Tarriff ID	

Use Parameters

Concentration Range	2.5 – 10% by volume
Temperature Range	75 – 175 deg. F.
Time Range	As needed to clean.
Agitation	Spray or dip.

Waste Disposal

Neutralize, remove fats, oils and grease.

Holding Tank Materials of Construction

Steel, 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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Our People. Your Problem Solvers.

For more information on this process,
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