



Product Data Sheet

MIL-M-10578 Metal Conditioner – AA1096

Surface Preparation

The surface to be cleaned and/or the metal conditioner must be above 60°F proper reaction. The speed of phosphatizing is in direct relation to the temperature of the acid. The higher the temperature, the faster it will condition.

Thinning

Depending on the cleaning requirements, #AA1096 can be thinned with water according to these proportions:

- Three (3) parts water to one (1) part Metal Conditioner #AA1096
- or-
- Five (5) parts water to one (1) part Metal Conditioner #AA1096

Application Considerations

This conditioner should not be applied below 60°F. This product performs best when applied in warmer conditions. Do not allow conditioner to dry on substrate.

Any cleaning should be followed by a clean water rinse. The acid in either of these let down solutions is not strong enough to completely remove mill scale.

Technical Information

Chemical Composition

Butyl Cellosolve	2.0%
85% Phosphoric Acid	29.0%
Detergent	1.0%
Water	68.0%

Volume Solids

1.01 lb/gal (121 g/l)

Architectural and Industrial Maintenance Category

Not Intended for Residential Use. Shop Use Only.

Coating VOC

5.59 lb/gal (670 g/l) – Minus Water and Exempt Materials

Material VOC

0.21 lb/gal (25 g/l)

Density

9.30 lb/gal (1114 g/l)

Packaging

1 gallon plastic bottle

Safety & Important Information

During application, take normal precautions such as wearing safety gloves, face masks and eye shields. Adequate ventilation must be maintained when applying this product in confined spaces. Keep material away from sparks or open flames. Refer to the MSDS for exposure limits (PEL & TLV) and safe use of the product.

WARNING! COMBUSTIBLE LIQUID AND VAPOR. VAPOR HARMFUL. CAUSES EYE AND SKIN IRRITATION. MAY BE HARMFUL IF ABSORBED THROUGH SKIN. HARMFUL IF SWALLOWED. CONTAINS: ETHYLENE GLYCOL MONOBUTYL ETHER. Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Causes nose and throat irritation. Harmful if swallowed. **NOTICE:** Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Contains ethylene glycol monobutyl ether which may cause blood damage based on animal data.

Keep away from heat and flame. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. **Use only with adequate ventilation.** Do not breathe vapors or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. **KEEP OUT OF REACH OF CHILDREN.**

WARNING! If you scrape, sand or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. **WARNING!** Sanding or scraping pressure treated lumber may be hazardous; wear appropriate protection.

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LIMITED WARRANTY: The technical data on this label or on other data is true and accurate to the best of our knowledge. We guarantee our products to conform to ANCHOR PAINT MFG. CO. quality control standards. Due to misuse in handling, storage, application and workmanship or variables such as weather or surface integrity that are beyond our control, Anchor Paint does not authorize any representative to make any warranty or merchantability of fitness of this product. Any liability whatsoever of Anchor Paint Mfg. Co. to the buyer or user of this product is limited to the purchaser's cost of the product itself.