

STEP ONE - ACID

STEP TWO- ALKALINE

2 Step Metal Surface Cleaning System

Description:

MAG-IT 2 Step Metal Surface Cleaning System is a two part cleaning system for ferrous and non-ferrous parts of all kinds. Step One is concentrated mixture of anionic and nonionic detergents and acids for use in removing smut, scale and light corrosion from ferrous metals. Step Two is concentrated mixture of anionic and nonionic detergents and alkaline builders for use in removing light oils from ferrous metals. These products can be used on light alloys like aluminum and magnesium, but care should be taken and small test pieces should be tried to verify the safety of these products when used with the specific part to be cleaned.

Directions For Use:

MAG-IT 2 Step Metal Surface Cleaning System should be mixed in clean water at a rate of 1% to 5% by weight, or a minimum of about 4 ounces of product per gallon. Step One dilutions should be used to remove surface smuts, corrosion and scale from the parts to be cleaned and should be used in warm or hot agitated tanks for a sufficient cycle time to allow the product to remove corrosion from the ferrous metal parts. Step Two dilutions should be used in warm or hot agitated tanks for a sufficient cycle time to allow the product to remove oils ferrous metal parts. Heaver greases and oils should be removed with solutions of MAG-IT Super 7 or other heavy-duty alkaline cleaner. MAG-IT recommends that parts be rinsed free of residual bath liquor before being transferred to subsequent baths to minimize "carryover". This will help prolong the working life of the subsequent bath. Depending on the part to be cleaned, Steps One and Two may be alternated to achieve the best results.

Typical Properties (Both Products):

SOLUBILITY IN WATER:	Complete
APPEARANCE AND ODOR:	Liquids
pH, 5% SOLUTION IN WATER:	<4 Step One
	>12 Step Two

Disclaimer:

The information and recommendations contained herein are to the best of MAG-IT's knowledge and belief, accurate and reliable as of the date issued. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his own use of the product described herein. Since the actual use of this product is beyond the control of MAG-IT, no guarantee, expressed or implied, is made by MAG-IT.