

MAG-IT
Product Bulletin

I-893

Rust Inhibitor Concentrate

Description:

I-893 is a concentrated mixture of nitrite, borate and chelates in a mildly alkaline aqueous base. Specially buffered to be safe for light metals such as unpainted aluminum surfaces, I-893 does not contain phenolic or phosphate compounds of any type. I-893 was formulated to be environmentally friendly, low in foaming activity and with the minimum BOD and COD possible yet still perform in a satisfactory manner.

Directions For Use:

I-893 should be used at a rate of 1 part by weight I-893 to 20 parts by weight fresh water. Dilutions as high as 1 part in 50 may prove satisfactory depending on the nature of the part and its alloy. Oiled surfaces should be precleaned with a solution of MAG-IT ALOR or equivalent. This dilution should be used as a spray or immersion solution for the areas or parts needing rust inhibition. The parts should be air dried without rinsing for the maximum rust inhibition.

Typical Properties:

BOILING POINT: 212 ° F

FLASH POINT: >300 ° F

SPECIFIC GRAVITY: 1.27

PERCENT WATER BY KARL FISHER TITRATION: 66% or less

VAPOR DENSITY: 1

EVAPORATION RATE (H₂O = 1): 1

SOLUBILITY IN WATER: Complete

APPEARANCE AND ODOR: Clear blue liquid with a slight odor

pH 1% aqueous solution: <10.0

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 (except for statements of quality or conformance to contract or specification requirements and supplied as separate documentation), expressed or implied, is made by MAG-IT.