

SOLUTIONS PLUS CHEMICAL DATA

METAL GARD PLUS

LIQUID RUST INHIBITOR

BENEFITS & FEATURES

METAL GARD PLUS

- provides excellent interim rust protection on ferrous alloys
- is stable in hard and soft water
- is completely water soluble
- is economical to use
- is also an excellent grinding fluid



DESCRIPTION

METAL GARD PLUS is a complex mixture of specially selected ingredients designed to impart interim rust protection to ferrous metals during indoor storage as well as between various manufacturing stages where elapsed time and humid conditions etc. could result in oxidation or corrosion of jobs. This water dilutable rust inhibitor poses no undue risk to the environment.

Metal Gard Plus is approved and being used on EMD engine blocks.

Metal Gard Plus at 10% or more passes the ASTM D4627.

Metal Gard Plus is also an excellent rust inhibitor when mixed with water during sand blasting.

Solutions Plus, 3907 Bach Buxton Road, Amelia, OH 45102
513-943-9600 Fax-513-943-9609

PROPERTIES

pH concentrate:	9.5 to 10
Specific Gravity:	1.100
Appearance	Straw
Foam	None

DIRECTIONS FOR USE

For most applications **METAL GARD PLUS** concentration will range between 1:8 to 1:300. Concentration will vary based on environmental conditions during storage, the type of job being processed and the length of time job will be stored. Low carbon steel rough surfaces of job and very humid conditions are some of the factors that would require stronger concentrations of this rust inhibitor. Since it is water soluble outdoor storage is not recommended.

METAL GARD PLUS may be applied as a spray rinse in the final stage washer or it may be applied by immersing job into a solution of known strength. Your Solutions Plus Inc. representative will offer assistance in establishing appropriate application methods and use dilutions for this product.

METAL GARD PLUS may be mixed into alkaline wash systems for rust protection like Proceco or Mart Washers.

MATERIAL SAFETY

METAL GARD PLUS is safe on ferrous metal alloys. Pretest on all other metals.

STORAGE

Keep from freezing. If frozen, thaw and mix to make usable.

CAUTION

KEEP OUT OF REACH OF CHILDREN.

Alkaline Liquid. Do not take internally. Avoid eye contact. For eye contact flush thoroughly with water and seek medical attention immediately. Wash

hands after handling product.