

# JMN SPECIALTIES, INC.

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## PRODUCT BULLETIN

### CITRA-50 CLEANER PS

#### Inhibited Citric Acid Scale Remover / Cleaner

##### General Description

**CITRA-50 CLEANER PS** is a concentrated, inhibited aqueous citric acid solution (50% anhydrous basis), suitable for use in industrial cleaning applications. When diluted to the proper use concentrations **CITRA-50 CLEANER PS** solutions are very effective in the removal of metal oxide deposits in power plant boilers, dehydration units, heat exchangers and various types of heat transfer systems.

**CITRA-50 CLEANER PS** solutions are very effective in de-rusting equipment, tanks and flow lines. **CITRA-50 CLEANER PS**, as provided, does not contain any aqua ammonia. **CITRA-50 CLEANER PS** is safe to use in cleaning multi-metal systems containing carbon steel, stainless steel, brass and aluminum.

##### Application

Starting point dilution's for **CITRA-50 CLEANER PS** should range from a low of 2% **by weight of acid** to as high as 10% **by weight of acid**. In most cases, best results are obtained when heat of 150<sup>B</sup> - 180<sup>B</sup>F is applied, however, if when used at ambient temperatures, just allow addition time for the cleaning process to be completed. For more information, please contact **JMN Specialties, Inc.** service personnel.

##### Physical Properties

Color	Green
Appearance	Clear Liquid
Odor	Bland
Specific Gravity	1.20
pH, as is	1.5 - 2.5
Freeze Point	17 <sup>B</sup> F

##### Availability

**CITRA-50 CLEANER PS** is available in UN approved 5 gallon pails, 55 gallon drums and bulk quantities.

##### Handling

Observe warning label on containers. Normal precautions for industrial chemicals apply.

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