



STL-PDS-NA-ReNew CG8203-R3

ReNew™ CG8203 contaminant control

Product Description

ReNew™ CG8203 contaminant control is an organic acid salt of hydrochloric acid. As a result, it behaves like a salt but dissolves scale like an acid. As received, it is non-corrosive, non-fuming, and rated only as a "mild irritant." However, it dissolves deposits or scales such as calcium carbonate and calcium sulfate rapidly. It reacts like hydrochloric acid only without many of the harmful and dangerous aspects.

Product Application

ReNew CG8203 can be used neat, or as received, in spray, soaking or recirculating applications, or it can be diluted with water. A general "rule of thumb" is 3 parts (by weight) of ReNew CG8203 for each part of calcium scale. Typical dilutions range from 0% (neat) to 20% (1:5) depending on the application and amount of scale present.

Greater than 80% dilution (20% concentration) of ReNew CG8203 will cause the product to dissociate to HCl and urea, a highly corrosive solution. Therefore do not excessively dilute this product and care should be taken to thoroughly rinse any metal parts or surfaces after exposure to diluted ReNew CG8203.

ReNew CG8203 should be stored in polyethylene or fiberglass vessels and PVC or CPVC piping is approved for use. ReNew CG8203 should not be used on aluminum, nylon or at temperatures above 140° F (60° C)

ReNew CG8203 is to be used in accordance with control procedures Solenis establishes for a specific application.

Benefits

- Safe and easy to handle
- Low corrosion of steels and bronze
- Non-fuming
- Faster acting than sulfuric, sulfamic or phosphoric acids on carbonate scale
- Effective against calcium sulfate
- Only rated as a "mild irritant"

Storage and Handling

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

Store in a cool, dry, ventilated area, away from incompatible substances. Keep from freezing.

Packaging

This product is available in a variety of packaging sizes. Your Solenis representative will recommend the appropriate packaging for the application.

Important Information

Typical Properties: Refer to the Safety Data Sheet (SDS).

Regulatory Information: Refer to the SDS or contact your sales representative for any additional regulatory and environmental information.

Safety: Solenis maintains an SDS for all of its products. Use the health and safety information contained in the SDS to develop appropriate product handling procedures to protect your employees and customers.

Our SDS should be read and understood by all of your supervisory personnel and employees before using Solenis products in your facilities.