



# CMC-33

Concrete Cleaner &amp; Scale Remover



## Product Description

**CMC-33** is a powerful acid cleaner with multiple applications. The product can be used as a descaler for boilers and heat exchangers, as well as a cleaner to remove scale, water deposits and precipitates from industrial waste processing equipment. CMC-33 may be used for concrete and cement truck maintenance and can even as an etchant in the preparation of concrete floors for painting. The product contains corrosion inhibitors to prevent flash rusting of ferrous metals. It works in all water, rinses freely, and contains biodegradable detergents.



## Health Hazard Summary

Severely irritating and may cause temporary blurring of vision and temporary damage. May cause burns and permanent damage. Corrosive, causes skin burns and severe irritation. Causes severe irritation and possibly burns to mouth, throat, esophagus, and gastrointestinal system. May cause gastrointestinal discomfort, including nausea, vomiting, diarrhea, etc. Mists or sprays can be severely irritating to eyes and respiratory tract.

## Specifications



Appearance.....Clear, pale amber liquid  
Odor ..... Pungent, acidic  
pH at 1/10 (With water) ..... <2  
Specific Gravity ..... 1.13  
Flashpoint..... None  
Dilution..... Up to 3:1 with water  
Foam..... Low  
Hardwater Tolerance ..... Excellent  
Rinsability.....Excellent  
Biodegradable.....Yes (surfactants)  
Storage Stability.....Excellent\*  
Freeze-Thaw Stability.....May freeze\*\*

\* 1 year under normal conditions

\*\*usable after thawing with no change in performance. Agitate after thawing and before use.

## Uses & Directions



Use CMC-33 on concrete floors for etching before sealing or painting. Use in water treatment plants, in heat exchangers, boilers, cold presses, and wherever scale and other precipitants are built up.

CMC-33 may be diluted up to 3:1 with water for general cleaning duties. For scale removal in highly built-up areas, dilute 1:1 with water. For extreme scale removal from processing equipment, use as is. May be re-circulated with pumps resistant to acid content.

## Package & Handling



55 gallon drum JBC4083  
6 gallon pail JBC6182

# SDS



HMIS	
HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	1
PERSONAL PROTECTION	D