



WATER MANAGEMENT DIVISION

CHEMICAL TECHNOLOGIES GROUP

A2

310

GEO-GUARD 2825

NON-CHELATED ALKALINE CLEANER

GENERAL DESCRIPTION

GEO-GUARD 2825 is a low foaming liquid alkaline detergent designed for use in re-circulating spray washers. GEO-GUARD 2825 gives quick penetration of heavy soils and light oils. It is ideal where the use of a liquid product is preferred. GEO-GUARD 2825 can be used on almost all metal parts. GEO-GUARD 2825 contains no chelants which might interfere with waste treatment.

PHYSICAL PROPERTIES

General Characteristic
Color
Form
Specific Gravity
Pounds/Gallon
pH (1% Solution)
Odor
Foaming
Rinsing
Solubility
Flash Point
Phosphates as P
Chelants

Alkaline
Colorless
Liquid
1.105
9.21 2
11.4
Slight
Controlled
Free Rinsing
Complete
None
None
None

DIRECTIONS FOR USE

GEO-GUARD 2825 should be used at between 2 to 8 fluid ounces per gallon. The operating temperature of GEO-GUARD 2825 is between 70° and 160°F, depending on the application. In washing aluminum and other soft metal, temperatures below 140°F are preferable.

TITRATION

Use C-109 Test Kit. Take a one vial sample using Indicator B and Acid #1.

In some areas, the tap water used for preparing the detergent solution may be sufficiently alkaline to affect results. Run a blank titration using the tap water as the sample. Subtract the number of drops for the blank from the number of drops for a sample to obtain the corrected result (example: a sample titration was 8 drops and the blank titration was 1 drop. The corrected result is $8-1 = 7$).

<u>Concentration</u>	<u>Drops of Acid #1</u>
1/4 oz./gal.	7 drops
1/2 oz./gal.	13 drops
1 oz./gal.	23 drops
2 oz./gal.	36 drops

For more concentrated solutions, use Test Kit C-108 (Acid #10 and Indicator A).

2 oz./gal.	3 drops
4 oz./gal.	5 drops
6 oz./gal.	6 drops
8 oz./gal.	7 drops

SERVICE

Routine

Service is one of the most important insurances for consistent quality performance of your operation. A Calgon Market Specialist will tailor a service program for your facility that will provide effective and trouble-free operations.

Technical Support

Calgon is pleased to provide a completely staffed and equipped Technical Service Laboratory capable of performing needed tests and providing both telephone and on-site assistance when needed. Your Calgon Market Specialist will provide you with details on how this service can benefit your particular situation.

PRECAUTIONS

Information concerning human and environmental exposure may be reviewed on the Material Safety Data Sheet for the product. For additional information regarding incidents involving human and environmental exposure, call (314) 535-1810 and ask for the Regulatory and Trade Affairs Department.