

NOT MEASUREMENT SENSITIVEMIL-C-14460C
AMENDMENT 1
10 May 1993

MILITARY SPECIFICATION

CORROSION REMOVING COMPOUND, SODIUM HYDROXIDE BASE;
FOR ELECTROLYTIC OR IMMERSION APPLICATION

This amendment forms a part of MIL-C-14460C, dated 14 December 1981, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 1

1.2: Delete and substitute:

"1.2 Classification. Corrosion removing compounds covered by this specification shall be the following type as specified (see 6.2)

Type I - Sodium hydroxide plus chelate compounds or sequestrant compounds (see 6.3)."

PAGE 3

TABLE I: Delete and substitute:

TABLE I. Composition.

<u>Ingredient</u>	Requirement	Test Paragraph
	(percent by weight) Type I	
Sodium hydroxide	54.0 max	4.5.4
1/Trisodium salt of N-hydroxyethylethylenediaminetriacetic acid (3Na·EDTAOH)	13.0 min	4.5.7
Chelate or sequestrant compound (EDTA tetrasodium salt dihydrate)	—	4.5.9
Sodium gluconate	25.0 min	4.5.6
Phosphorus and silica, total as PO ₄ plus SiO ₂	0.25 max	4.5.5
Others, including foamers	7.0 max	—

1/N-hydroxyethylethylenediaminetriacetic acid may be used instead of the trisodium salt if the amount of acid when calculated as the trisodium salt meets the requirements of this specification.

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PAGE 4

"4.5.1.2: Delete in entirety."

PAGE 5

"4.5.2.2: Delete in entirety."

PAGE 6

4.5.4.4 Delete and substitute:

"4.5.4.4 Calculation. For type I compound, calculate the sodium hydroxide content by the following formula:

Percent NaOH = $0.600 \times \text{mL of 1N HCL used.}$ "

PAGE 8

"4.5.8: Delete in entirety."

PAGE 9

"4.5.9: Delete in entirety."

"4.5.10: Delete in entirety."

PAGE 10

"5.3.1: Delete in entirety."

PAGE 11

"6.1.2: Delete in entirety."

Custodians
Army - MR
Navy - AS
Air Force - 68

Preparing activity:
Army - MR

Project 6850-1003

Review activities:
Army - MI
Navy - SA, SH
Air Force - 11

User activity:
Army - ME

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