

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      |
|--|---------------------|-----------|
|  | (percent by weight) | Paragraph |
| Sodium hydroxide   | Type I<br>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 <sub>4</sub> plus SiO <sub>2</sub>        | 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  
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Preparing activity:  
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Project 6850-1003

Review activities:  
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User activity:  
Army - ME

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