

MIL-S-51132A (AR)
AMENDMENT 1
15 April 1981

MILITARY SPECIFICATION
SODIUM CARBOXYMETHYL CELLULOSE (NaCMC)
(FOR AMMUNITION USE)

This amendment forms a part of Military Specification MIL-S-51132A (MU), dated 30 September 1964.

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Add the following Preamble underneath the title: "This specification is approved for use by U.S. Army Armament Research and Development Command and is available for use by all Departments and Agencies of the Department of Defense."

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3.1, Table I: Delete in its entirety and substitute the following table:

TABLE I

Color and form.-White to cream colored powder free from gritty particles, visible impurities and foreign matter when tested as specified in 4.3.1.
Moisture.-10.0 percent maximum (max.) when tested as specified in 4.3.2.
Viscosity.-A 2 percent solution at 25 degrees C. - 240 centipoises (cps.) minimum (min.) and 325 cps. max. when tested as specified in 4.3.3.
Sodium chloride.-2.0 percent max. when tested as specified in 4.3.4.
Sulfated Ash.-27.0 percent max. when tested as specified in 4.3.5.
Insoluble Matter.-1.0 percent max. when tested as specified in 4.3.6.
pH Value.-6 min. and 7 max. when tested as specified in 4.3.7.
Degree of Substitution (D.S.).-0.50 min. and 0.80 max. when tested as specified in 4.3.8.
Purity.-97.0 percent min. when tested as specified in 4.3.9.

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4.3.8: Change title of paragraph from "D.E." to "D.S."

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4.3.8.4: In equation 2 change all "D.E." symbols to "D.S."

Custodian:
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Preparing Activity:
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