

O-E-760D  
AMENDMENT-2  
January 14, 1991

**FEDERAL SPECIFICATION**

**ETHYL ALCOHOL (ETHANOL), DENATURED ALCOHOL,  
PROPRIETARY SOLVENT AND SPECIAL INDUSTRIAL SOLVENTS**

This amendment, which forms a part of Federal Specification O-E-760D, dated May 28, 1987, is approved by the Commissioner, Federal Supply Service, General Services Administration, for the use of all Federal agencies.

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Paragraph 1.2, Type III. Change to read:

"Type III - Denatured (See 3.2)  
Grade A - Made from Type II, Grade A  
Grade B - Made from Type II, Grade B"

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Paragraph 3.2. Change to read:

"3.2 Type III. Type III ethyl alcohol shall be one of the formulas contained in 27 CFR, Formulas for Denatured Alcohol and Runi, issued by U.S. Treasury Department, Bureau of Alcohol, Tobacco and Firearms. Unless otherwise specified in the contract or order, type III denatured alcohol shall conform to Formula No. 3-A."

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Paragraph 4.7.1.2. Change to read: "4.7.1.2 Acidity. Test in accordance with ASTM D-1613."

Paragraph 4.7.1.3. Change to read: "4.7.1.3 Nonvolatile residue. Test in accordance with ASTM D-1353."

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Paragraph 4.7.1.8. Change to read:

"4.7.1.8 Acetone, other ketones, isopropyl alcohol, and tertiary butyl alcohol. To 1 mL of the sample, add 4 mL of distilled water and 10 mL of mercuric sulfate test solution (Deniges Reagent), prepared by mixing 5 gm of yellow mercuric oxide with 40 mL of water, then adding 20 mL of H<sub>2</sub>SO<sub>4</sub> while stirring slowly, and adding 40 mL of water and stirring until complete solution is attained. Heat on a bath of boiling water. The sample shall be considered as having passed the test if no precipitate appears within 2 minutes."

**PREPARING ACTIVITY**

**GSA - FSS**

**(PROJECT NO. 6810 - 1243)**

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