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Standard Specification for Technical Grade Ethylene Dichloride¹

This standard is issued under the fixed designation D 5960; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ϵ) indicates an editorial change since the last revision or reapproval.

This standard has been approved for use by agencies of the Department of Defense.

1. Scope

1.1 This specification covers technical grade ethylene dichloride.

2. Referenced Documents

2.1 ASTM Standards:

~~D2108 Test Method for Color of Halogenated Organic Solvents and Their Admixtures (Platinum-Cobalt Scale)²~~

~~D2111 Test Methods for Specific Gravity of Halogenated Organic Solvents and Their Admixtures²~~

~~D2989 Test Method for Acidity-Alkalinity of Halogenated Organic Solvents and Their Admixtures²~~

~~D3401 Test Methods for Water in Halogenated Organic Solvents and Their Admixtures²~~

~~D3447 Test Method for Purity of Halogenated Organic Solvents²~~

~~D3844 Practice for Labeling Halogenated Hydrocarbon Solvent Containers²~~

~~D4276 Practice for Confined Area Entry²~~

D 2108 Test Method for Color of Halogenated Organic Solvents and Their Admixtures (Platinum-Cobalt Scale)

D 2111 Test Methods for Specific Gravity and Density of Halogenated Organic Solvents and Their Admixtures

D 2989 Test Method for Acidity-Alkalinity of Halogenated Organic Solvents and Their Admixtures

D 3401 Test Methods for Water in Halogenated Organic Solvents and Their Admixtures

D 6806 Practice for Analysis of Halogenated Organic Solvents and Their Admixtures by Gas Chromatography

2.2 U. S. Government Documents:

49 CFR 100 to 199 Department of Transportation Hazardous Materials Regulations³

29 CFR 1919.1200-29 CFR 1910.1200 Department of Labor, OSHA Regulations on Hazard Communications³

3. Chemical Composition

3.1 Technical grade ethylene dichloride shall conform to the requirements prescribed in Table 1.

4. Packaging and Package Marking

4.1 Package and label industrial or commercial quantities in accordance with DOT regulations 49 CFR 100 to 199, and in accordance with state and local regulations, and with OSHA regulations found in 29 CFR 1910.1200.

5. Keywords

5.1 ethylene dichloride; 1,2-dichloroethane

¹ This specification is under the jurisdiction of ASTM Committee D26 on Halogenated Organic Solvents and Fire Extinguishing Agents and is the direct responsibility of Subcommittee D26.02 on Vapor Degreasing.

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² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For Annual Book of ASTM Standards, Vol 15.05, volume information, refer to the standard's Document Summary page on the ASTM website.

³ The Code of Federal Regulations may be obtained from the Superintendent of Documents, U. S. Government Printing Office, Washington, DC 20402.