



Designation: ~~D6368 – 06 (Reapproved 2012)~~ **D6368 – 06 (Reapproved 2018)**

Standard Specification for Vapor-Degreasing Solvents Based on *normal*-Propyl Bromide and Technical Grade *normal*-Propyl Bromide¹

This standard is issued under the fixed designation D6368; 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.

1. Scope

1.1 This standard covers solvents based on stabilized *normal*-propyl bromide (*n*PB) for use in vapor degreasing. The standard also includes a separate specification for technical-grade *n*-propyl bromide.

1.2 Blends and azeotropic mixtures of stabilized *n*PB for vapor-degreasing shall be blended from *n*PB meeting the specification for technical-grade *n*PB.

NOTE 1—Practices Guide D3844 and Practice D4276, and MNL2² provide additional important information on vapor degreasing and solvent properties.

1.3 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.*

2. Referenced Documents

2.1 ASTM Standards:³

D1078 Test Method for Distillation Range of Volatile Organic Liquids

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

D2109 Test Methods for Nonvolatile Matter in Halogenated Organic Solvents and Their Admixtures

D2111 Test Methods for Specific Gravity and Density of Halogenated Organic Solvents and Their Admixtures

D2251 Test Method for Metal Corrosion by Halogenated Organic Solvents and Their Admixtures

D2942 Test Method for Total Acid Acceptance of Halogenated Organic Solvents (Nonreflux Methods)

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

D3401 Test Methods for Water in Halogenated Organic Solvents and Their Admixtures

D3741 Test Methods for Appearance of Admixtures Containing Halogenated Organic Solvents <http://www.astm.org/standards/d6368-062018>

D3844 Guide for Labeling Chlorinated Hydrocarbon Solvent Containers (Withdrawn 2013)⁴

D4276 Practice for Confined Area Entry

D4755 Test Method for Free Halogens in Halogenated Organic Solvents and Their Admixtures

2.2 ~~Other~~ U.S. Government Documents:⁵

29 CFR 1919.1200 Department of Labor, OSHA Regulations on Hazard Communications

49 CFR 100 to 199 Department of Transportation Hazardous Materials Regulations

3. Properties

3.1 Vapor-degreasing solvents based on stabilized *normal*-propyl bromide shall conform to the requirements prescribed in **Table 1**. The metal corrosion tests described in Test Method **D2251** (test at reflux temperature only) shall be performed with aluminum

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 *Manual on Vapor Degreasing, MNL2*, Third Edition, ASTM.

³ 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* volume information, refer to the ~~standard's~~ standard's Document Summary page on the ASTM website.

⁴ The last approved version of this historical standard is referenced on www.astm.org.

⁵ The *Code of Federal Regulations* may be obtained from the U.S. Government Printing Office Superintendent of Documents, Publishing Office (GPO), 732 N. Capitol St., NW, Mail Stop: SDE, Street, NW, Washington, DC 20401, ~~http://www.access.gpo.gov~~ <http://www.gpo.gov>.