



**UNITED STATES DEPARTMENT OF COMMERCE**  
**National Institute of Standards and Technology**  
Gaithersburg, Maryland 20899-0001

DATE: 25 April 2014

**Product Identifier**

**RM Number:** 8536

**RM Name:** GISP Greenland Ice Sheet Precipitation (Hydrogen and Oxygen Isotopes in Water)

Under the U.S. Department of Labor, Occupational Safety and Health Administration (OSHA) 29 CFR 1910.1200, this Reference Material (RM) is NOT classified as a physical hazard or a health hazard, a simple asphyxiant, combustible dust, pyrophoric gas, or hazard not otherwise classified. There are no hazard pictograms, hazard statements or signal word associated with it. Safety Data Sheet information is not required. This document may be used in conjunction with your hazard communication program.

**Description:** This Reference Material (RM) is a secondary reference material with known isotope-number ratios for hydrogen (H) and oxygen (O) that are intermediate to VSMOW2 (RM 8535a) and SLAP (RM 8537). It is intended to be a control for working standards that have been calibrated to the VSMOW-SLAP (Vienna Standard Mean Ocean Water-Standard Light Antarctic Precipitation)  $\delta$ -scales for isotope-number ratios of hydrogen and oxygen. A unit of RM 8536 consists of one ampoule containing approximately 20 mL of water

**Disposal:** RM 8536 and its derived solutions should be disposed of in accordance with local, state, and federal regulations.

**Transport Information:** This material is not regulated by the U.S. Department of Transportation (DOT) and/or International Air Transportation Association (IATA).

**Disclaimer:** This document was prepared carefully, using current references. Users of this RM should ensure that this document and the corresponding Report of Investigation in their possession are current. This can be accomplished by contacting the SRM Program: telephone (301) 975-2200; fax (301) 948-3730; e-mail [srmmsds@nist.gov](mailto:srmmsds@nist.gov); or via the Internet at <http://www.nist.gov/srm>.