



DATE: 08 April 2014

Product Identifier

RM Number: 8444

RM Name: Cotinine in Freeze-Dried Human Urine

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.

Exemption: 1910.1200 (b) (6) (xii). This RM is a biological material and should be considered a potential biological hazard.

Description: This SRM is intended primarily for use in validating methods for the determination of cotinine in human urine. A unit of SRM 8444 consists of four vials, each containing cotinine in 5 mL human urine, which has been freeze dried. Two vials are "blank" concentration levels, typical of nonsmokers without exposure to cigarette smoke; one vial is a "low" concentration level corresponding to nonsmokers with passive exposure to side-stream smoke; and one vial is a high level, typical of smokers.

Additional Notes for Biomaterials: RM 8444 IS A HUMAN SOURCE MATERIAL. This RM should be handled at the Biosafety Level 2 or higher as recommended for any potentially infectious human serum or blood specimen by the Centers for Disease Control and Prevention (CDC) Office of Safety, Health, and Environment and the National Institutes of Health (NIH). See Report of Investigation for storage and use instructions.

Disposal: RM 8444 components and 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; or via the Internet at <http://www.nist.gov/srm>.