



DATE: 20 July 2021

Product Identifier

RM Number: 8183

RM Name: Botanical Oils Containing Omega-3 and Omega-6 Fatty Acids

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 RM is intended primarily for use in validating analytical methods for the determination of fatty acids in botanical oils and similar matrices. This SRM can also be used for quality assurance when assigning values to in-house reference materials. A unit of SRM 8183 consists of a total of four ampoules, one each of four seed oils: (8183-1 Borage [*Borago officinalis*], 8183-2 Evening Primrose [*Oenothera biennis*], 8183-3 Flax [*Linum usitatissimum*], and 8183-4 Perilla [*Perilla frutescens*]). Each ampoule contains approximately 1.2 mL of oil under argon.

Additional Notes: For laboratory use only; not for human consumption. See Certificate of Analysis for storage and use instructions.

Disposal: RM 8183 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 Transport Association (IATA).

Disclaimer: The NIST information in this document is specific to the NIST product and is believed to be correct, based upon our current knowledge. This document may not necessarily be all inclusive and should be used only as a guide. NIST does not guarantee the accuracy or completeness of this information. The only official source for specific values and uncertainties is the certificate or report.

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; e-mail srmmsds@nist.gov; or via the Internet at <https://www.nist.gov/srm>.