



Material Safety Data Sheet

The following components of ProZyme products are of the composition described below.

Component	Product Code	Product Name
Vial B DMSO (WS0025)	GKK-402	Signal™ 2-AA Labeling Kit
Vial B DMSO (WS0080)	GKK-404	Signal™ 2-AB Labeling Kit
Vial L4 Labeling Solvent (DMSO) [WS0085]	GK50004	FACE® ANTS Labeling Reagent Pack
	GK50104	FACE® Monosaccharide Composition Labeling Reagent Pack
	GK50404	FACE® ANDA Labeling Reagent Pack

Composition	Dimethyl sulfoxide (DMSO, methyl sulfoxide)
CAS #	67-68-5
Hazard identification	Causes irritation. Readily absorbed through the skin.
First aid measures	IF IN DOUBT SEEK MEDICAL ADVICE. In case of contact: Eyes and skin - irrigate with plenty of water for at least 15 minutes. Ingestion - wash mouth with water (provided victim is conscious), drink plenty of water. OBTAIN MEDICAL ATTENTION Inhalation - move to a well ventilated area and clear nose and throat.
Fire fighting measures	Water spray, extinguishing powder or appropriate foam according to surrounding fire conditions.
Accidental release measures	Wash spill site with copious amounts of water.
Handling/exposure controls	Handle in accordance with Good Laboratory Practice. Wear appropriate protective clothing (safety spectacles, chemical resistant gloves, laboratory coat)
Storage	Store at Room Temperature
Physical/chemical properties	Colorless Liquid. Melting Point – 18.45°C. Boiling point - 189°C. Flash point: >55°C. Ignition temperature: 270°C
Stability and reactivity	Not combustible
Toxicological information	Avoid contact with DMSO solutions containing toxic or potentially toxic materials; DMSO is readily absorbed through the skin and may carry such materials into the body. To the best of our knowledge, the toxicological, carcinogenic and mutagenic properties have not been thoroughly investigated.

Ecological information	Data not available.
Disposal information	Dispose of according to local regulations.
Transport information	Contact ProZyme for transportation information.
Regulatory information	CAS # 67-68-5 is listed on the TSCA inventory.

The above information is believed to be correct and is derived from currently available information on all the ingredients in this product and with consideration to the quantities present. It does not claim to be all inclusive and shall be used only as a guide. ProZyme shall not be held responsible for any damage resulting from handling or contact with the above product. This product is intended for *in vitro* research only.