



## Material Safety Data Sheet

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

Component	Product Code	Product Name
Vial D Reductant [WS0027]	GKK-402	Signal™ 2-AA Labeling Kit
Vial D Reductant [WS0082]	GKK-404	Signal™ 2-AB Labeling Kit
Vial L1 Reducing Agent (NaBH <sub>3</sub> CN) [WS0017]	GK50004	FACE® ANTS Labeling Reagent Pack
Vial L1 Reducing Agent (NaBH <sub>3</sub> CN) [WS0083]	GK50104	FACE® Monosaccharide Composition Labeling Reagent Pack
	GK50404	FACE® ANDA Labeling Reagent Pack

Composition	Sodium cyanoborohydride
CAS #	25895-60-7
Hazard identification	Flammable, toxic
First aid measures	In case of contact: <b>Eyes</b> - irrigate with plenty of water for at least 15 minutes. OBTAIN MEDICAL ATTENTION. <b>Skin</b> - flush with plenty of water for at least 15 minutes, wash with soap and water. OBTAIN MEDICAL ATTENTION. <b>Ingestion</b> - wash mouth with water (provided victim is conscious), drink plenty of water. OBTAIN MEDICAL ATTENTION. <b>Inhalation</b> - move to a well ventilated area and clear nose and throat. If breathing is difficult, give oxygen OBTAIN MEDICAL ATTENTION IF IN DOUBT SEEK MEDICAL ADVICE.
Fire fighting measures	Dry chemical powder
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). Use in a fume hood or well-ventilated area.
Storage	Store at Room Temperature
Physical and chemical properties	Off-white powder.
Stability and reactivity	Avoid contact with acids, oxidizing agents. Decomposes if exposed to moisture. Avoid high temperatures, dust generation.

Toxicological information	May be <i>fatal</i> if swallowed, inhaled or absorbed through the skin. To the best of our knowledge, the toxicological, carcinogenic and mutagenic properties have not been thoroughly investigated.
Ecological information	Data not available.
Disposal information	Dissolve or mix material with water in a fume cabinet and dispose of according to local regulations
Transport information	Contact ProZyme for transportation information.
Regulatory information	CAS # 25895-60-7 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.