



Material Safety Data Sheet

Product Name:	GlycoFree™ Chemical Deglycosylation Kit
Product Code:	GKK-500
Composition:	Trifluoromethanesulfonic acid (TFMS)
CAS #:	1493-13-6
Hazard Identification:	CORROSIVE, HARMFUL BY INHALATION.
First Aid Measures:	In case of contact: Eyes - Irrigate with plenty of water for at least 15 minutes. OBTAIN MEDICAL ATTENTION. Skin - Wash with copious amounts of water. Remove contaminated clothing and wash before re-use. OBTAIN MEDICAL ATTENTION. Inhalation - Move to a well-ventilated area and clear nose and throat. OBTAIN MEDICAL ATTENTION. Ingestion - Wash out mouth thoroughly with water, provide plenty of water to drink. OBTAIN MEDICAL ATTENTION. — IF IN DOUBT, SEEK MEDICAL ADVICE —
Firefighting Measures:	Carbon dioxide, dry chemical powder or appropriate foam. Wear breathing apparatus and protective clothing. Emits toxic fumes under fire conditions.
Accidental Release Measures:	Wear appropriate protective clothing. Wash site of spillage thoroughly with water and detergent and ventilate area. Have removed by disposal company.
Handling/Exposure Controls:	Once opened TFMS should be handled and stored in a fume hood or other suitable containment.
Storage:	Sealed ampoules can be stored at room temperature.
Physical and Chemical Properties:	Colorless liquid.
Stability and Reactivity:	Avoid contact with strong oxidizing agents and strong bases. Protect from moisture. Toxic products on combustion.
Toxicological Information:	Harmful by ingestion, inhalation and skin contact. Extremely destructive to skin and eyes, tissues of mucous membranes and upper respiratory tract. Inhalation maybe fatal as a result of spasm, inflammation and edema of the larynx and bronchi, chemical pneumonitis and pulmonary edema. To the best of our knowledge the chemical, physical and toxicological properties have not been fully investigated.
Ecological Information:	Data not available.
Disposal Information:	Small quantities (less than 1ml) may be diluted in a large quantity of water and disposed of via local regulations. Large quantities should be diluted in an appropriate solvent and burnt in chemical incinerator equipped with an afterburner and scrubber.
Transport Information:	Contact ProZyme for transportation information.
US Regulatory Information:	Not available.

The above information is supplied in good faith and is believed to be correct. It does not claim to be all-inclusive and is intended to be used only as a guide. Final determination of the suitability of any material is the sole responsibility of the user. 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.