



Material Safety Data Sheet

Product Name:	FACE® 2x Loading Buffer (E1)
Product Code:	WS0005
Composition:	Proprietary solution containing Thorin I indicator dye and glycerol
CAS #:	56-81-5 (Glycerol), 3688-92-4 (Thorin D)
Hazard Identification:	We are unaware of any hazards for this product which require reporting other than those associated with the glycerol ingredient. Thorin I is a toxic ingredient which is present at a low concentration (<1%). According to the OSHA Hazard Communications Standard (CFR 1910.1200), if an ingredient is present at less than 1% (for a hazardous chemical) or 0.1% (for a carcinogen), then it need not be reported as hazardous.
First Aid Measures:	In case of contact: Eyes - Irrigate with plenty of water. Skin - Wash with soap and water. Inhalation - Move to a well-ventilated area and clear nose and throat. Ingestion - Wash mouth with water (provided victim is conscious). Drink plenty of water. OBTAIN MEDICAL ATTENTION. — IF IN DOUBT, SEEK MEDICAL ADVICE —
Firefighting Measures:	Water spray, dry chemical powder or appropriate foam according to surrounding fire conditions. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Emits toxic fumes under fire conditions.
Accidental Release Measures:	Wash spill site with copious amounts of water.
Handling/Exposure Controls:	Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.
Storage:	Store at room temperature.
Physical and Chemical Properties:	Viscous, colorless liquid
Stability and Reactivity:	Stable. Avoid excessive heat. Incompatible with strong oxidizing agents. Hazardous Decomposition Products: carbon monoxide, carbon dioxide. Hazardous polymerization will not occur.
Toxicological Information:	RTECS# MA8050000. May be harmful by inhalation, ingestion or skin absorption. May cause eye and skin irritation. May be irritating to mucous membranes and upper respiratory tract. Prolonged exposure can cause nausea, headache and vomiting.
Ecological Information:	Not available.
Disposal Information:	No special requirements. Dispose of according to local regulations.
Transport Information:	This substance is considered to be non-hazardous for transport.
US Regulatory Information:	CAS # 56-81-5 is listed on the TSCA inventory.

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.