



Safety Data Sheet ETSB-SDS

Rev. Date: Dec. 1, 2016

Revision: 1

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TMB Stop Buffer

PRODUCT NAME:	TMB Stop Buffer
CATALOG #:	TSB
PRODUCT DESCRIPTION:	Laboratory reagent.
COMPOSITION:	Water, CAS# 7732-18-5 Sulfuric Acid ≤2%, CAS# 7664-93-9 Hydrochloric Acid ≤2%, CAS# 7647-01-0 May contain additional non-hazardous proprietary ingredients.
PHYSICAL DATA:	
APPEARANCE / ODOR	Clear colorless liquid. Mild acid odor.
SOLUBILITY IN WATER	Soluble.
VAPOR DENSITY	N/A
VAPOR PRESSURE	N/A
EVAPORATION RATE	N/A
MELTING POINT	0°C
BOILING POINT	100°C
FLASH POINT	Aqueous solution.
AUTO-IGNITION POINT	Aqueous solution.
LOWER EXPLOSIVE LIMIT IN AIR	Aqueous solution.
UPPER EXPLOSIVE LIMIT IN AIR	Aqueous solution.
FIRE AND EXPLOSION HAZARD DATA:	Extinguish fire using water spray, chemical foam, or dry chemical. Wear personal protection equipment, including a self-contained breathing apparatus (S.C.B.A.).
REACTIVITY DATA:	
STABILITY	Stable.
INCOMPATIBLE MATERIALS	Oxidizers, Bases, Metals.
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon Monoxide, Carbon Dioxide, Hydrogen Chloride Gas, Sulfur Oxides.
HAZARDOUS POLYMERIZATION	None reported.
HEALTH HAZARD DATA:	
ACUTE EFFECTS:	Eye Contact: May cause irritation and redness. Skin Contact: May irritate skin. Ingestion: May irritate gastrointestinal system. Inhalation: May irritate respiratory tract.
CHRONIC EFFECTS:	Eye Contact: Unknown. Skin Contact: Unknown. Ingestion: Unknown. Inhalation: Unknown.
FIRST AID:	Eye Contact: Immediately flush eyes with copious amounts of water and get immediate medical attention. Skin Contact: Remove contaminated clothing and wash contact area with mild soap and copious amounts of water. Get medical attention if irritation develops. Inhalation: Remove person to fresh air. Get medical attention if symptoms worsen. Ingestion: Get immediate medical attention.



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ADDITIONAL INFORMATION:									
HMS HAZARD CODES:	<table border="1"> <tr> <td>HEALTH</td> <td>2</td> </tr> <tr> <td>FLAMMABILITY</td> <td>0</td> </tr> <tr> <td>PHYSICAL HAZARD</td> <td>1</td> </tr> <tr> <td>PERSONAL PROTECTION</td> <td>D</td> </tr> </table>	HEALTH	2	FLAMMABILITY	0	PHYSICAL HAZARD	1	PERSONAL PROTECTION	D
HEALTH	2								
FLAMMABILITY	0								
PHYSICAL HAZARD	1								
PERSONAL PROTECTION	D								
SPILL OR LEAK PROCEDURES:	Wear chemical resistant clothing, gloves, and eye protection. Wear NIOSH/MSHA approved breathing apparatus. Keep material away from heat, flame, ignition sources, and reactive materials. Wipe up or absorb spill using inert absorbent and place in a suitable waste container for disposal.								
WASTE DISPOSAL METHOD:	Observe all federal, state and local environmental regulations.								
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	Wear protective clothing. Avoid contact with skin and eyes. Wash thoroughly after handling. Keep tightly closed. Irritant. Keep container tightly closed. Avoid breathing vapor.								
ADDITIONAL COMMENTS:	The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Teomics shall not be held liable for any damage resulting from handling or from contact with the above product.								