



Peninsula Laboratories International, Inc.

MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION

CHEMICAL NAME TGF alpha (1-50) (rat) - Undiluted Antiserum for Immunohistochemistry, Host: Rabbit
PRODUCT CODES T-4551.0050
CAS NO N/A

SECTION II: INGREDIENTS

PRINCIPLE HAZARDOUS COMPONENTS	PERCENT	THRESHOLD LIMIT VALUE
None (neat serum, no preservatives)		

SECTION III: PHYSICAL DATA

BOILING POINT N/A	MELTING POINT N/A
VAPOR PRESSURE N/A	SPECIFIC GRAVITY N/A
VAPOR DENSITY (AIR=1) N/A	% VOLATILE BY VOLUME N/A
WATER SOLUBILITY N/A	EVAPORATION RATE (____=1) N/A
APPEARANCE Lyophilized antiserum (powder)	

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT N/A
FLAMMABLE LIMITS N/A
EXTINGUISHING MEDIA Appropriate for surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES Unknown.
UNUSUAL FIRE & EXPLOSION HAZARDS Unknown.

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SECTION V: HEALTH HAZARD

THRESHOLD LIMIT VALUE	Data Not Available
HEALTH HAZARDS	May be harmful by inhalation, ingestion, or skin absorption. May cause skin irritation. May cause eye irritation. To the best of our knowledge, the animals used for immunization are disease and parasite free.
FIRST AID PROCEDURES	In case of contact, flush eyes with water. In case of contact, wash skin with soap and water.

SECTION VI: REACTIVITY DATA

STABILITY	UNSTABLE STABLE	X	CONDITIONS TO AVOID Heat
INCOMPATIBILITY (MATERIALS TO AVOID) N/A			
HAZARDOUS POLYMERIZATION	MAY OCCUR WILL OCCUR	X	CONDITIONS TO AVOID Not Specific
HAZARDOUS DECOMPOSITION PRODUCTS Data Not Available			

SECTION VII: SPILL AND DISPOSAL PROCEDURES

SPILLS
Wear chemical safety goggle and rubber gloves. Wash spill site.
DISPOSAL
Dispose in accordance with local regulations.

SECTION VIII: PROTECTION INFORMATION

EYE PROTECTION Safety goggles	SKIN PROTECTION Full length lab coat and rubber or vinyl gloves
RESPIRATORY PROTECTION Recommended	VENTILATION RECOMMENDED Mechanical exhaust
OTHER PROTECTION Not Specific	

SECTION IX: SPECIAL PRECAUTIONS

STORAGE AND HANDLING Store at -20°C.
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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. It is the users responsibility to determine the suitability of this information for the adoption of safety precautions as may be necessary. Peninsula Laboratories International, Inc. shall not be held liable for any damage resulting from the handling of the above product.

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