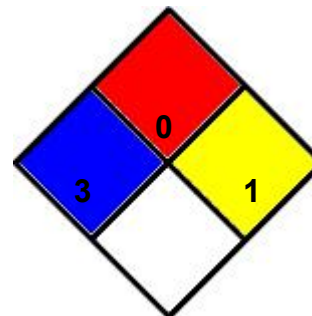


MATERIAL SAFETY DATA SHEET

TC-1266

COMPANY IDENTIFICATION

MANUFACTURER: Chem-Tech
400 Ternes Dr.
Random Lake, WI 53075



INFORMATION PHONE: 920-994-2299
EMERGENCY: 1-800-255-3924
HMS:

HEALTH: 3 **FLAMMABILITY:** 0 **REACTIVITY:** 1 **PROTECTIVE:** G

SECTION I - PRODUCT IDENTIFICATION

PRODUCT: TC-1266

PREPARED BY: Jason Sprang

DATE PREPARED: 2/28/2003

LAST REVISION: 9/1/2010

HAZARD CLASS: 8

UN: 1760

PACKING: II

GUIDE NUMBER: 154

SHIPPING: Corrosive liquids, N.O.S., (Sulfuric acid, Formaldehyde, Phosphoric acid, Sodium tolytriazole)

SECTION II - HAZARDOUS INGREDIENTS

<u>Chemical Name</u>	<u>%</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>NIOSH</u>
SULFURIC ACID	39	7664-93-9	1 MG/M 3	N/A
SODIUM TOLYTRIAZOLE	>1%		N/A	N/A
FORMALDEHYDE	>1%	50-00-0	.75 PPM	
PHOSPHORIC ACID	>1%	7664-38-2	1 MG/M 3	1 MG/M 3

SECTION III - PHYSICAL CHARACTERISTICS

BOILING POINT: 212°F

SPECIFIC GRAVITY: 1.37

VAPOR PRESSURE: N/A

MELTING POINT: N/A

EVAPORATION: 1.0

VAPOR DENSITY: N/A

pH: 12.9

SOLUABILITY IN WATER: Complete

APPEARANCE AND ODOR: Brownish colored liquid, slight odor.

SECTION IV - FIRE/EXPLOSION

FLASH POINT: N/A

LEL: N/A

UEL: N/A

SPECIAL FIRE FIGHTING: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool. Use media which is safe for surrounding fire.

SECTION V - REACTIVITY DATA

STABLE: Yes

INCOMPATIBILITY: Avoid storage with oxidizers and strong caustics. This product reacts with water.

HAZARDOUS POLYMERIZATION: Will Not Occur

HAZARDOUS DECOMPOSITION OR BY PRODUCTS:

Noncombustible liquid. Reacts vigorously with water. Heating may cause expansion or decomposition leading to violent rupture of containers. Contact with readily oxidizable organic material may cause ignition /fire. Reacts with metals producing flammable/ explosive hydrogen gas. Decomposes on heating and produces acrid and toxic fumes of sulfur oxides (SOx).

SECTION VI - HEALTH HAZARD DATA

ACUTE HEALTH EFFECTS

EYE CONTACT: Corrosive to the eyes and may cause severe damage including blindness.

INHALATION: Corrosive to the nose, throat, and respiratory tract.

INGESTION: Corrosive and may cause severe and permanent damage to mouth, throat, and stomach.

SKIN CONTACT: Substance is corrosive. Cause severe skin burns.

SIGNS AND SYMPTOMS OF EXPOSURE: Shortness of breathing, confused behavior, redness of skin, swelling of tissues, watery eyes, nausea.

AGGRAVATED MEDICAL CONDITIONS: Repeated minor exposure to mists can cause erosion of teeth and inflammation of the upper respiratory tract leading to chronic bronchitis. Repeated skin contact with dilute solutions may cause dermatitis. Workers chronically exposed to sulfuric acid mists may show various skin lesions, tracheobronchitis, stomatitis, conjunctivitis and gastritis. Increased risk of laryngeal cancer is associated with chronic exposures. **WARNING: This product contains trace amounts of formaldehyde which is an expected human carcinogen.**

EMERGENCY FIRST AID PROCEDURES:

EYE CONTACT: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

INHALATION: Remove to fresh air. Monitor patient and call emergency personnel if necessary. If breathing stops give artificial respiration.

INGESTION: Dilute by giving large amounts of water. Do not induce vomiting. Seek medical attention immediately.

SKIN CONTACT: Flush with water for 15 minutes. Get medical attention if irritation develops or persists.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Ventilate area of leak or spill. Clean-up personnel require protective clothing and respiratory protection from vapors. Only specially trained or qualified personnel should handle the emergency.

WASTE DISPOSAL METHOD: The preferred options for disposal are to send to licensed reclaimers, or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Follow all MSDS/label precautions even after container is emptied because they may retain product residues.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: A NIOSH approved full-face respirator with a multi gas cartridge is required when using this product.

VENTILATION: Provide exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits.

EYE PROTECTION: Use unventilated goggles with this product.

OTHER PROTECTIVE CLOTHING: Where splashing is possible, full chemically resistant protective clothing (e.g., acid suit) and boots are required.

WORK / HYGENIC: Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet.

PROTECTIVE GLOVES:

Glove Selection Index:

NATURAL RUBBER.....	A
NATURAL+NEOPRENE.....	A
NEOPRENE.....	A
NEOPRENE/NATURAL.....	A
NITRILE.....	A
PE.....	A
PVC.....	A
SARANEX-23.....	A

A: Best selection

B: Satisfactory; may degrade after 4 hours continuous immersion

C: Poor to dangerous choice for other than short-term immersion