

MATERIAL SAFETY DATA SHEET

IDENTIFICATION	
Manufactured for:	MYDENT INTERNATIONAL
Address:	80 Suffolk Court
City, State, Zip:	Hauppauge, NY 11788
Telephone:	631-434-7760
Date Prepared:	03/27/12
Chemical Name:	Strong Acid, Sulfamic Acid
HAZARDOUS INGREDIENTS	
ITEM	OSHA PEL ACGIH TLV OTHER LIMITS% RECOMMENDED
Hazardous/Toxic & Non-Hazardous Components (CAS #): Amidosulfuric Acid; Sulfamic Acid Sodium 2-ethylhexyl sulfate	
Hazard Rating (NFPA): HEALTH: 3 FLAMMABILITY: 1 REACTIVITY: 3 PROTECTION: 2	
Non-Hazardous Components (CAS #): See above.	
AS PER OSHA HAZARD COMMUNICATIONS STANDARD 29CFR 1910.1200	
PHYSICAL DATA/CHEMICAL CHARACTERISTICS	
Appearance and Odor: Clear liquid with no apparent odor.	
Boiling Point: approx 100C	
Volatile (by weight %):	N/A
Vapor Pressure (mm Hg.):	N/A
Melting Point:	Not applicable.
Vapor Density (AIR - 1):	No data available.
Evaporation Rate (n-Butyl = 1):	approx 1
Solubility in Water (H₂O):	Complete
Specific Gravity (H₂O-1):	1.10
pH:	1.50
FIRE AND EXPLOSION HAZARD DATA	
Flash Point (Method Used): Not combustible.	
Flammable Limits: No data.	
Extinguishing Media: Water, carbon dioxide, dry chemical foam.	
UEL: 0	LEL: 0
Special Fire Fighting Procedures: None	
Unusual Fire & Explosion Hazards or Procedures: No explosion hazards.	
REACTIVITY DATA	
Stability: Stable	
Conditions to Avoid: Not applicable.	
Incompatibility (Material to Avoid): Oxidizing agents, reducing agents.	
Hazardous Decomposition of Byproducts: Carbon dioxide, carbon monoxide.	
Hazardous Polymerization: Will not occur.	
TRANSPORTATION: (DOT info if Applicable)	
Not D.O.T. regulated.	

HEALTH HAZARD DATA	
EFFECTS OF OVEREXPOSURE:	
Routes of Entry=	
Skin: May cause skin irritation.	
Eyes: May cause eye severe pain and corneal damage.	
Ingestion: May cause severe internal burns of mouth, throat and stomach lining.	
Inhalation: May cause severe lung damage, coughing, sore throat.	
SIGNS AND SYMPTOMS OF EXPOSURE	
Skin: May cause skin irritation.	
Eye: May cause eye severe eye pain with eye contact and corneal damage.	
Ingestion: May cause severe internal burns of mouth, throat and stomach lining. Can cause severe pain, nausea, vomiting, abdominal spasms.	
Inhalation: May cause severe lung damage, coughing, sore throat.	
Chronic Exposure: Individuals with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to affects.	
EMERGENCY AND FIRST AID PROCEDURES	
Skin: In case of skin contact, immediately flush with plenty of cool water REMOVE CONTAMINATED CLOTHING. Seek medical attention asap.	
Eyes: In case of contact with eyes, immediately flush with plenty of water for at least 15 minutes. Lift upper and lower lids. Seek immediate medical attention.	
Ingestion: Can be life threatening. If conscious, give large quantity of milk or water. DO NOT INDUCE VOMITTING , seek immediate medical attention.	
Inhalation: Remove to fresh air. Restore or assist breathing if necessary. Get medical attention for any breathing difficulty.	
PRECAUTIONS FOR SAFE HANDLING AND USE	
Steps to be taken in case material is released or spilled: Dike and cover spill with an absorbent clay or sand. Small spills can be carefully neutralized with Sodium Bicarbonate or lime. Wear protective clothing, boots, goggles including acid-resistant suit.	
Waste Disposal Method: All local, state and federal regulations concerning health and pollution should be reviewed to determine approved disposal procedure.	
Precautions to be Taken in Handling and Storing: Keep in tightly sealed containers. Avoid excessive heat.	
Other Precautions: N/A	
CONTROL MEASURES	
Respiratory Protection (Specify Type): Wear a NIOSH-approved respirator appropriate for the vapor or mist concentration at the point of use.	
VENTILATION: Recommended.	
Local Exhaust: Recommended.	
Mechanical (General): Acceptable.	
Protective Gloves (type): Chemical gloves, Butyl and Nitrile recommended.	
Eye Protection: Chemical resistant goggles.	
Other Protective Clothing or Equipment: Chemical resistant clothing / boots. Long sleeves, pants, full length lab coats recommended.	
Work Hygiene Practices: Clean spills immediately avoid contact with eyes, etc.	
CARCINOGENICITY	
NTP:	Not available.
IARC Monographs:	Not available.
OSHA Regulated:	Not available.
SPECIAL INFORMATION	
24 hr EMERGENCY TELEPHONE NUMBER: CHEMTREC (800) 424-9300 Note: MYDENT INTERNATIONAL has compiled this data based on the research and input of qualified experts in the field of microbiology, chemistry and quality assurance. The data are not to be taken as a warranty or representation for which MYDENT INTERNATIONAL assumes legal responsibility. They are offered only for your consideration and verification.	