

# MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION						
<b>NFPA Rating:</b> Health-3; Flammability-0; Reactivity-0; Special- -			<b>HMIS Rating:</b> Health-3; Flammability-0; Reactivity-0; Personal Protection-C,D			
<b>Manufacturer's Name:</b> LYN DISTRIBUTING <b>Address:</b> 965 No. Redwood Road No. Salt Lake, UT. 84054			<b>DOT Hazard Classification:</b> Corrosive Material 8 <b>Identity (trade name as used on label):</b> DYNAMITE DRAIN OPENER			
<b>Date Prepared:</b> 04/12/93 <b>Prepared By:</b> STAN		<b>MSDS Number:</b> F1012 OR F1013 <b>Revision -</b> 7				
<b>Information Calls:</b> (801)295-5022 <b>EMERGENCY RESPONSE NUMBER:</b> 1(800)255-3924			NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA			
SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION						
<b>COMPONENTS-CHEMICAL NAMES AND COMMON NAMES</b> (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)		CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
SULFURIC ACID		7664-93-9	Yes	1mg/M3	1mg/M3	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
<b>Boiling Point:</b> 338°C			<b>Specific Gravity (H2O=1):</b> 1.835			
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): N/A			<b>Vapor Pressure (Non-Aerosols)(mm Hg and Temperature):</b> 0.0038 mm/Hg at 20°C			
<b>Vapor Density (Air = 1):</b> 3.38			<b>Evaporation Rate ( = 1):</b> N/A			
<b>Solubility in Water:</b> Complete			<b>Water Reactive:</b> Violently			
<b>Appearance and Odor:</b> Colorless, clear to cloudy liquid with no odor to mild acrid odor.						
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA						
<b>FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols)</b> N/A		<b>Auto Ignition Temperature</b> N/A		<b>Flammability Limits in Air by % in Volume:</b> % LEL: N/A      % UEL: N/A		
<b>FLASH POINT AND METHOD USED (non-aerosols):</b> None			<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Use NIOSH / MSHA approved positive pressure self-contained breathing apparatus when any material is involved in a fire. DO NOT allow water to enter containers. Violent reaction results.			
<b>EXTINGUISHER MEDIA:</b> CO2 or dry chemical. Use water fog to knock down vapors.						
<b>Unusual Fire &amp; Explosion Hazards:</b> Solutions in contact with metals form hydrogen.						
SECTION 4 - REACTIVITY HAZARD DATA						
<b>STABILITY</b> <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE			<b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR			
<b>Incompatibility (Mat. to avoid):</b> Solvents,oxidizers,reducing agents,combustible materials,organic materials, alkalis,powdered metals,amines,carbides,fulminates chlorates,nitrates,picrates.			<b>Conditions to Avoid:</b> Heating. Water on sulfuric acid will cause splattering, fuming and evolution of heat.			
<b>Hazardous Decomposition Products:</b> Oxides of sulfur. Hydrogen may be evolved in contact with metal.						
SECTION 5 - HEALTH HAZARD DATA						
<b>PRIMARY ROUTES OF ENTRY:</b> <input checked="" type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS						
<b>ACUTE EFFECTS:</b> Burns, rapid destruction of all tissue contacted.						
<b>Inhalation:</b> May cause respiratory irritation. Liquid is corrosive.						
<b>Eye Contact:</b> Corrosive.			<b>Skin Contact:</b> Corrosive.			
<b>Ingestion:</b> Corrosive.						
<b>CHRONIC EFFECTS:</b> Dermatitis or secondary effects of burns, chronic over-exposure may cause tooth erosion, chronic cough.						
<b>Medical Conditions Generally Aggravated by Exposure:</b> N/A						
EMERGENCY FIRST AID PROCEDURES						
<b>Eye Contact:</b> Flush with water for 15 minutes. Seek medical attention.						
<b>Skin Contact:</b> Flush with water for 15 minutes. Seek medical attention.						
<b>Inhalation:</b> Remove victim to fresh air. Get medical attention.						
<b>Ingestion:</b> DO NOT INDUCE VOMITING. Drink large volumes of water. Get immediate medical attention.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
<b>Respiratory Protection (specify type):</b> Not needed in normal use and handling of product.						
<b>Protective Gloves:</b> Rubber			<b>Eye Protection:</b> Chemical goggles and faceshield.			
<b>Ventilation Requirements:</b> Normal room ventilation is usually adequate. As required to keep air concentration below PEL.						
<b>Other Protective Clothing &amp; Equipment:</b> Coveralls, rubber apron and boots. Eyewash station and safety shower.						
<b>Hygienic Work Practices:</b> Avoid contact with liquid & breathing of mists or vapors. Upon contact with eyes or skin, wash off with water immediately.						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
<b>Steps To Be Taken If Material Is Spilled Or Released:</b> Dike spill & soak up with inert absorbent. Shovel or sweep & place in properly labeled approved DOT container & seal for disposal in authorized legal manner. Neutralize area with soda ash & dispose of material properly.						
<b>Waste Disposal Methods:</b> Dispose of material according to local, state or federal regulations.						
<b>Precautions To Be Taken In Handling &amp; Storage:</b> Store in original shipping containers. Keep closed when not in use. Follow label directions when using. Shelf life one year.						
<b>Other Precautions &amp;/or Special Hazards:</b> KEEP OUT OF REACH OF CHILDREN.						

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

\*\* Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only