

# 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-2; Flammability-0; Reactivity-0; Special- -		<b>HMIS Rating:</b> Health-3; Flammability-0; Reactivity-1; Personal Protection-B				
Manufacturer's Name: <b>LYN DISTRIBUTING</b> Address: 965 NORTH REDWOOD ROAD NORTH SALT LAKE, UTAH 84054		<b>DOT Hazard Classification:</b> UN1824, SODIUM HYDROXIDE SOLUTION, 8, II, LTD. QTY. <b>Identity</b> (trade name as used on label): <div style="text-align: right;"><b>Hot Stuff</b></div>				
Date Prepared: 05/03/20014      Prepared By: Stan		<b>MSDS Number:</b> Revision - 3				
Information Calls: (801)295-5022 <b>EMERGENCY RESPONSE NUMBER: 1(800)366-5022</b>		NOTICE: JUDGMENT 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 **
<b>SODIUM HYDROXIDE</b>		1310-73-2	No	2mg/m3	2mg/m3	d
				TWA ceiling	TWA ceiling	
				TWA	TWA	
<b>SODIUM METASILICATE, ANHYDROUS</b>		6834-92-0	No	N/E	N/E	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
<b>Boiling Point:</b> 100°C		<b>Specific Gravity</b> (H <sub>2</sub> O=1): 1.12				
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): N/A		<b>Vapor Pressure</b> (Non-Aerosols)(mm Hg and Temperature): N/D				
<b>Vapor Density</b> (Air = 1): N/D		<b>Evaporation Rate</b> (water = 1): 1				
<b>Solubility in Water:</b> Miscible		<b>Water Reactive:</b> No				
<b>Appearance and Odor:</b> Clear, viscous liquid with no odor.						
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA						
<b>FLAMMABILITY</b> as per USA FLAME PROJECTION TEST (aerosols) 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</b> (non-aerosols): Non-combustible		<b>EXTINGUISHER MEDIA:</b> Non-combustible. Use media suitable for surrounding fire.				
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Non-combustible. Use procedures appropriate to surrounding fire.						
<b>Unusual Fire &amp; Explosion Hazards:</b> Contact with aluminum or other reactive metals may liberate explosive hydrogen gas.						
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</b> (Mat. to avoid): Acids, aluminum or other reactive metals, leather, wool.		<b>Conditions to Avoid:</b> None.				
<b>Hazardous Decomposition Products:</b> Sodium oxide, oxides of phosphorus.						
SECTION 5 - HEALTH HAZARD DATA						
<b>PRIMARY ROUTES OF ENTRY:</b> <input checked="" type="checkbox"/> INHALATION <input checked="" type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS						
<b>ACUTE EFFECTS:</b> Corrosive to all body tissues with which it comes in contact.						
<b>Inhalation:</b> Airborne concentrations of mist or spray may cause damage to the upper respiratory tract & even lung tissue which could produce chemical pneumonia, depending on severity of exposure.						
<b>Eye Contact:</b> May cause severe burns that result in damage & even blindness.			<b>Skin Contact:</b> May cause severe burns on prolonged contact.			
<b>Ingestion:</b> Can cause severe burns on mucous membranes of mouth, throat, esophagus, stomach.						
<b>CHRONIC EFFECTS:</b> Tissue damage depending on location and degree of exposure.						
<b>Medical Conditions Generally Aggravated by Exposure:</b> Dermatitis.						
EMERGENCY FIRST AID PROCEDURES						
<b>Eye Contact:</b> Immediately flush with large amounts of water for 15 minutes while holding lids apart, then seek medical attention.						
<b>Skin Contact:</b> Immediately remove contaminated clothing & footwear & wash contaminated areas with plenty of water for 15 minutes. If tissue damaged, seek medical attention.						
<b>Inhalation:</b> Remove to fresh air. Give oxygen if breathing difficult, artificial respiration if breathing has stopped. Get prompt medical attention						
<b>Ingestion: DO NOT INDUCE VOMITING.</b> Drink 3 to 4 glasses of water, milk if available. Get immediate medical attention. Never give anything by mouth to an unconscious person.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
<b>Respiratory Protection (specify type):</b> None required under normal use and handling conditions. Use NIOSH/MSHA approved respirator where mist or spray may be generated.						
<b>Protective Gloves:</b> Rubber			<b>Eye Protection:</b> Chemical goggles.			
<b>Ventilation Requirements:</b> Normal room ventilation is generally adequate. Use adequate local exhaust ventilation where mist or spray may be generated.						
<b>Other Protective Clothing &amp; Equipment:</b> Clothing as needed to minimize contact.						
<b>Hygienic Work Practices:</b> Do not eat, drink or smoke in work area. Wash immediately on contact.						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
<b>Steps To Be Taken If Material Is Spilled Or Released:</b> Contain spill. Do not contaminate sewers, ground or surface waters. Soak up in inert absorbent. Place in properly labeled, sealed, non-leaking containers for proper disposal.						
<b>Waste Disposal Methods:</b> Dispose of in accordance with all local, state and federal regulations.						
<b>Precautions To Be Taken in Handling &amp; Storage:</b> Store in original shipping containers. Keep closed when not in use. Shelf life 1 year. Protect from extreme heat and cold. Avoid bodily contact.						
<b>Other Precautions &amp;/or Special Hazards:</b> <b>KEEP OUT OF REACH OF CHILDREN.</b> Read & follow label directions.						

*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