



MATERIAL SAFETY DATA SHEET

Bleach Solution "A"

Product Number(s): 17000
Manufacturer: Daly's Wood Finishing Products
3525 Stone Way North
Seattle, WA 98103

HMIS Information
Health 2
Flammability 0
Reactivity 0

Emergency Telephone Number:
Chemtel (24 Hour): 800-255-3924

Preparer's Name: H. Paulson
Date Prepared: 01/31/01
Date Reviewed: 08/06/03

SECTION I - PRODUCT IDENTITY

Chemical Name: Sodium Hydroxide/Water Solution **Chemical Formula:** N/A.
Shipping Classification: Corrosive, UN 1824, Class 8, PG II

SECTION II - HAZARDOUS INGREDIENTS

Chemical & Common Name:	CAS Number:	Wt. %:	OSHA PEL:	ACGIH TLV:	OTHER:
Sodium Hydroxide*	1310-73-2	1-5	N/A	N/A	
Sodium Silicate	1344-09-8	1-5	None	None	

* denotes a reportable toxic chemical under EPA SARA Title III, Section 313 (40 CFR 372)

SECTION III - PHYSICAL CHARACTERISTICS

Boiling Range:	212°F	% Volatile by Volume:	87
Specific Gravity:	1.05	Evaporation Rate(BuOAc=1):	=water
Vapor Pressure (mm Hg):	=water	Maximum Volatile	
Vapor Density (Air=1):	=water	Organic Compound (V.O.C.):	None

Solubility (specific solvents):
Soluble in water, alcohol, acetone, some glycol ethers; insoluble in petroleum hydrocarbons.

Appearance & Odor:
Clear, odorless liquid.

SECTION IV - FIRE & EXPLOSION DATA

Flash Point (Setaflash):	Non-flammable.	Flammable Limits (% in Air):	N/A
Extinguishing Media:	Non-flammable.		
Special Fire Fighting Procedures:	Wear protective clothing and self-contained breathing apparatus.		
Unusual Fire & Explosion Hazards:	None known.		
Reactivity:	Product is stable.		
Conditions to Avoid:	None known.	Hazardous Polymerization:	Will not occur.
Incompatibilities (materials to avoid):	Mineral acids, halogenated hydrocarbons, reducing agents and metals like aluminum, tin and zinc.		
Hazardous Decomposition Products:	None known.		

SECTION V - HEALTH HAZARDS

Primary Routes of Entry: Eye contact, inhalation, ingestion, skin contact.

ACUTE HEALTH EFFECTS:

EYE CONTACT: Brief contact may cause severe eye damage. Prolonged contact may cause permanent eye damage which can lead to blindness.

INHALATION: Vapors or mist may cause irritation of mucous membranes.

INGESTION: May cause burning of the mouth and throat, nausea, gastrointestinal irritation or vomiting.

SKIN CONTACT: May cause tissue destruction, chemical burns, rash or redness.

EMERGENCY FIRST AID PROCEDURES:

EYE CONTACT: Wash with clean water for at least fifteen minutes; get medical attention.

INHALATION: Move individual to fresh air. If breathing has stopped, apply artificial respiration, get medical attention immediately.

INGESTION: DO NOT INDUCE VOMITING. Give water or milk to drink; do not give baking soda or acid antidotes. Get medical attention.

SECTION V - HEALTH HAZARDS(cont'd)

SKIN CONTACT: Wash area with soap and water. If irritation persists, get medical attention.

CHRONIC HEALTH EFFECTS: Not listed as a carcinogen by the NTP, IARC, or OSHA. No long-term effects are known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin conditions could be aggravated by repeated exposure.

SECTION VI - SPILL OR LEAK PROCEDURES

Steps to be taken in case material is spilled or released: Soak up spill with absorbent material.

Waste disposal method: Dispose of in accordance with all applicable federal, state and local regulations.

SECTION VII - SPECIAL PROTECTION DATA

Respiratory protection: None normally required.

Ventilation: Local exhaust if vapor will be created.

Protective Gloves: Alkali-resistant rubber or plastic.

Eye Protection: Safety goggles.

Other protective clothing or equipment: Impervious protective clothing if contact is likely. Eyewash station should be available.

SECTION VIII - HANDLING & STORAGE DATA

Precautions to be taken in handling and storage: Store in original container; keep tightly closed. Do not reuse container for other purposes.

KEEP OUT OF REACH OF CHILDREN.

Other precautions: Read and observe all precautions on product label.

SECTION IX - OTHER INFORMATION

Daly's, Inc. certifies that this MSDS meets the requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (SARA Title III) and of the OSHA Hazard Communication Standard (40 CFR 372):

C.A.S Number
1310-73-2

Chemical or Common Name
Sodium Hydroxide

% by Weight
1-5

The information contained herein is based on data considered to be accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained for the use thereof. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable regarding all current regulations.

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