Protecting your laboratory environment
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Safety Data Sheet (SDS)

Complies with EC no. 1907/2006
Date of Issue: 11/20/2002
Date of Revision: 02/01/2015

Section 1: Chemical Product and Company Identification

Labconco Catalog #: 4522000

Part Name:
LabSolutions Low-Foaming Liquid Detergent

Emergency Telephone Numbers
US Chemtrec: (800) 424-9300
Canada: (703) 527-3887

Supplier: Decon Laboratories Inc.
460 Glennie Circle, King of Prussia, PA 19406
Telephone # (610) 755-0800

Identified uses: Laboratory use

Section 2: Hazards Identification

Hazard Overview

Immediate contact will cause strong burning of skin, eyes and mucous membranes. Corrosive to all body tissue.

Signal Word: DANGER

Hazard and Precautionary Statements

H314	Causes severe skin and eye damage
H302	Harmful if swallowed
H290	May be corrosive to metals

NFPA Rating

Hazard Ratings:
These ratings are assessments of the properties of the material using the ANSI/NFPA 704 Standard. Additional information can be found by consulting in the NFPA published ratings lists (List 325 and list 49).

If no data is listed the information is not available.

Health 2 Flammability 0 Reactivity 0

Section 3: Composition / Information on Ingredients

Note: Items listed with a CASRN number have no CAS# available

Item #	Name	EINECS	CAS#	% in Products
1	Caustic Soda Liquid 50%		1310-73-2	Major
2	Water, Softened		7732-18-5	Major
3	Acusol 445 (Acumer 1050)		9003-01-4	Minor
4	Gluconic Acid 50% Liquid		526-95-4	Minor

Section 4: First Aid Measures

Eye contact
Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Tilt head to avoid contaminating unaffected eye.
Seek medical attention as soon as possible - Immediate response is critical after contact with eyes to avoid permanent damage to eyes.

Skin contact
Immediately flush skin with lots of water.
Neutralize with vinegar or any citrus juice (lemon, lime).
If irritation or pain persists, see a physician.

Inhalation
Remove to fresh air, give oxygen or artificial respiration to maintain breathing. Call physician if indicated.

Ingestion
Wash mouth and other contacted part with water.
Never give anything by mouth to an unconscious person.
If conscious, give 1-2 glasses of water.
Avoid alcohol.
Contact a physician or poison control center.

Section 5: Fire-Fighting Measures

Flash Point, deg. F:	None	Method:	Water, Foam, ABC Extinguisher
UEL: No Data LEL:	No Data	Autoignition temperature, deg. F:	N/A
Flammability Classification:	No Data	Flame Propagation Rate:	N/A
Hazardous Combustion Products:	CO2, H2O, Ash		
Special Protective Equipment:	Gloves and safety glasses		

Section 6: Accidental Release Measures

Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.

Personal Protection: Wear gloves and safety glasses

Environmental Precautions: Product is suitable to wash to sanitary sewer

Cleanup Methods: Wash to sanitary sewer, rinse area with water

Section 7: Handling and Storage

Handling:	Open container only to use or to remove material for use. Use a clean, dry scoop or pump to remove material. Do not contaminate material with other products.
Storage:	Store in a clean, dry place above 50°F. Do not freeze.

Section 8: Exposure Controls / Personal Protection

Exposure Controls

Preventative Measures:
Open container only to use or to remove material for use. Use a clean dry scoop, or pump to remove material. Do not contaminate material with other products.

Engineering Controls:
Provide fresh air flow at all times.

Personal Protection:
The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

Eyes: **Wear safety glasses at all times when using this product.**
Skin: **Wear water proof, rubber gloves when handling this product.**
Respiratory: **Normal ventilation is usually sufficient.**

Chemical-resistant gloves should be worn whenever this material is handled. The glove material has to be impermeable and resistant to the product. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough. Rinse and remove gloves immediately after use. Wash hands with soap and water. All glove recommendations presume that the risk of exposure is through splash and not intentional immersion of the hands into the product. Since glove permeation data does not exist for this material, no recommendation for the glove material can be given for the product. Permeation data must be obtained from the glove manufacturer to determine if the glove is suitable for the task.

Section 9: Physical and Chemical Properties

Formula:	Mixture	Vapor Pressure:	N/A
Formula Weight:	nap	Vapor Density:	N/A
Boiling Point:	>212°F	Relative Density:	1.340 – 1.370
Melting Point:	N/A	pH:	14
Flash Point:	None	Appearance:	Clear Liquid
Solubility:	Complete in Water	VOC Content:	N/A
Oxidizing Properties:	None		

Section 10: Stability and Reactivity

Chemical Stability:	Stable
Conditions to Avoid:	No data
Incompatibility with other materials:	Do not mix with strong acids
Hazardous Decomposition Products:	N/A
Hazardous Polymerization:	Will not occur

Section 11: Toxicological Information

Acute Data:	Corrosive
Subchronic Data:	Corrosive

Section 12: Ecological Information

No data.

Section 13: Disposal Considerations

Dispose in accordance with federal, state, and local regulations.

Section 14: Transportation Information

Proper Shipping Name:	Sodium Hydroxide Solution
Chemical Name:	Sodium Hydroxide
UN #:	1824
Class:	8
Packing Group:	II

Note:
ER-154
Exemptions may exist for small pack sizes.

Section 15: Regulatory Information

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations) and this SDS (Safety Data Sheet) contains all information required by CPR.

Section 16: Other Information

The information contained herein has been developed in good faith but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. No representations or warranties have been made, either expressed or implied of merchantability, fitness for particular purposes with respect to the information set forth herein or to which the information refers. Accordingly, Labconco or Decon Laboratories, Inc. will not be responsible for damages resulting from the use of or reliance upon this information.

End of Safety Data Sheet