



MATERIAL SAFETY DATA SHEET

17 Colt Court
Ronkonkoma, NY 11779
800-381-8003

MSDS No: 0147.002.00
Revision Date: December 16, 2011
Approved by: Darius Nicpon

Section 1 Chemical Product and Company Name		
Product	CELL LYSIS SOLUTION	ITEM No: CASE-B027
Synonyms	SDS Solution	
CHEMTREC	24 Hour Emergency Phone Number (800) 424-9300	

Section 2 Composition/Ingredients Information			
Chemical Name	CAS#	%	TLV Units
Water	7732-18-5	90-95%	None established
Sodium Dodecal sulfate	151-21-3	10-5%	None established

Section 3 Hazards Identification											
CAUTION! CAUSES EYE IRRITATION. MAY IRRITATE SKIN.		0 = Minimal	<table><tr><td>Health</td><td>1</td></tr><tr><td>Flammability</td><td>0</td></tr><tr><td>Physical Hazard</td><td>0</td></tr><tr><td>Personal Protection</td><td>C</td></tr></table>	Health	1	Flammability	0	Physical Hazard	0	Personal Protection	C
		Health		1							
		Flammability		0							
		Physical Hazard		0							
		Personal Protection		C							
1 = Slight											
2 = Moderate											
3 = Serious											
4 = Severe											
HMIS											

Section 4 First Aid Measures	
INGESTION: Never give anything by mouth to unconscious person. Rinse mouth and get a conscious person drink a glass of milk or water. Do NOT induce vomiting unless directed to do so by medical personnel. Get immediate medical attention.	
INHALATION: Remove to fresh air. Get medical attention if necessary.	
EYE CONTACT: Wash immediately with plenty of water, and continue washing for at least 15min., occasionally lifting upper and lower eyelids. Seek medical attention if irritation develops.	
SKIN CONTACT: Remove contaminated clothing. Flush thoroughly with mild soap and water. Get medical attention if	

Section 5 Fire Fighting Measures	
Nonflammable liquid.	
Extinguishing Media: Use TriClass, dry chemical extinguisher for surrounding fires. Firefighters should use a self-contained breathing apparatus and protective clothing.	
.	
Flash point: N/A Autoignition temperature: N/A Explosion limits: Lower: N/A	Upper: N/A

Section 6 Accidental Release Measures	
Restrict unprotected personnel from the area. Contain the spill with an inert absorbent material and deposit in a sealed bag or container. For small spill use paper towel. Place the medium in trash. Ventilate and wash spill area with soap and water.	

Section 7 Handling and Storage	
Read the label on container before using. Do not wear contact lenses when working with chemicals. Keep container tightly closed. For laboratory use only. Not for drug, food or household use. Use only under adult supervision.	
Handling: Wash hands thoroughly after handling.	
Storage: Keep container in cool, well-ventilated area.	

Section 8 Exposure Controls/ Personal Protection	
Engineering controls: Avoid contact with eyes, skin, and clothing. Wear chemical splash goggles, chemical-resistant gloves, and chemical-resistant apron.	
Respiratory protection: Non should be needed if normal laboratory handling at room temperature.	

Section 9 Physical and Chemical Properties	
Physical state: Liquid Appearance: Transparent. Odor: None. pH: Not available Vapor Pressure (mm Hg): 2.3kPa at 20°C Vapor Density: The highest known is 0.62 Evaporation Rate: 3.1 Viscosity: Not available	Boiling point: The lowest know is 100°C Melting point: Not available Freezing point: 0°C/32°F Decomposition temp: Not available Solubility: Miscible in water. Specific gravity (H₂O = 1): 1 at 20°C Percent volatile (%): Not available Molecular formula: Mixture Molecular weight: Mixture

Section 10 Stability and Reactivity	
Chemical Stability: Stable Conditions to Avoid: Not available. Incompatibilities: Not available. Hazardous decomposition: Not available. Hazardous polymerization: Will not occur.	

Section 11 Toxicological Information	
Effects of overexposure: Eye: May cause moderate eye irritation. Skin: May cause skin irritation. Inhalation: Not available. Ingestion: May cause gastrointestinal tract irritation with nausea, vomiting, intestinal bloating, hypermotility, diarrhea.	
ORAL LD ₅₀ : 1288mg/kg[Rat] as Sodium dodecal sulfate	

Section 12 Ecological Information	
Data not available.	

Section 13 Disposal Considerations	
Disposal of in accordance with all local, state, and federal regulations, or contact with a licensed chemical disposal agency.	

Section 14 Transport Information	
UN number: N/A Shipping name: Not regulated Hazard Class: N/A Packing group: N/A Exceptions: Ltd Qty. N/A	

Section 15 Regulatory Information	
Not available	

Section 16 Other Information	
The Material Safety Sheet (MSDS) is for guidance and is based upon information and tests believed to be reliable. Lab-Aids, Inc. makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating thereto. The data is offered solely for your consideration, investigation and verification. The data should not be confused with local, state, federal regulations, or insurance mandates, and CONSTITUTE NO WARRANTY. Any use of these data and information must be determined by the science instructor to be in accordance with applicable local, state or federal laws and regulations. The conditions or methods of handling, storage, use and disposal of the product(s) described are beyond Lab-Aids, Inc. and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THIS PRODUCT(S).	