

MATERIAL SAFETY DATA SHEET

Revision Date: December 16, 2011 Approved by: Darius Nicpon

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

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 1 = Slight 2 = Moderate
- 3 = Serious
- 4 = Severe
- Health 0 0 **Physical Hazard Personal Protection**

HMIS

First Aid Measures Section 4

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

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

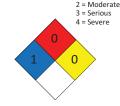
Nonflammable liquid.

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



0 = Minimal

1 = Slight

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

Stability and Reactivity Section 10

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 LD₅₀: 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

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