

Jule, Inc.
MATERIAL SAFETY DATA SHEET

Date updated: 12/19/2011

Section 1 - Product and Company Information

Product Name: TRIS – TRICENE – SDS SAMPLE BUFFER

Product Number: TTSB2XR

Company Address: JULE, INC
185 RESEARCH DRIVE SUITE #6
MILFORD, CT 06460 US

Technical Phone: 800-648-1772
Fax: 203-878-7448
Emergency Phone: 800-222-1222 (Poison Control)

Section 2 – Composition/Information on Ingredient

Ingredients	CAS No.	Proportion %
Glycerol	56-81-5	< 30
TRIS	77-86-1	< 20
Sodium dodecyl sulfate	151-21-3	< 10
Water	7732-18-5	to 100

Section 3 – Hazards Identification

Health Hazard Classification:

NON-HAZARDOUS

UN Classification:

Not a Dangerous Good

UN Number:

None allocated

Poison Schedule (SUSDP):

Not a Scheduled Poison

EMERGENCY OVERVIEW

Product:

Tris Tricine SDS sample buffer is a dark blue liquid with no odor, packaged in 30 mL bottle.

Major Health Hazards:

None Known

POTENTIAL HEALTH EFFECTS

Inhalation: Data suggests that this product should present no significant problems

Skin Contact: Data suggests that this product should present no significant problems

Eye Contact: This product may be mildly irritating to eyes. However, it is unlikely to cause any more than mild transient discomfort. It is also unlikely to cause any lasting effects.

Ingestion: No hazards anticipated from swallowing small amounts incidental to normal handling procedures.

Chronic Exposure: No specific data is available for the product for chronic exposure symptoms.

CARCINOGEN STATUS

Ingredients are not classified as human carcinogens by the International Agency for Research on Cancer (IARC).

Section 4 – First Aid Measures

Eye Contact:

Quickly and gently blot or brush away chemical. Immediately flush the contaminated eye(s) with lukewarm gently flowing water for 5 minutes, or until the chemical is removed. While holding the eyelid(s) open. If irritation persists, seek medical advice.

Section 5 – Fire Fighting Measures

Flash Point:	Data not available. This product does not burn.
Flammable Limits:	Not applicable.
Extinguishing Media:	This product does not burn. Use extinguishing media suited to the materials that are not burning.
Fire & Explosion Hazards:	There is no risk of an explosion under normal circumstances if it is involved in fire. This product is a water based solution and except under gross fire conditions, it should not burn. Fire decomposition products from this product may form toxic mixtures in confined spaces. Likely to decompose only after heating to dryness followed by further strong heating (minor quantities of carbon dioxide and if combustion is incomplete, carbon monoxide and smoke; water).
Fire Fighting Equipment:	No special fire fighting clothing is necessary on account of this product. However, as a minimum, wear safety shoes and overalls.

Section 6 – Accidental Release Measures

Minor spills do not normally need any special cleanup measures. The container size is 30 mL, therefore a major spill is unlikely. Spillage can be taken up with absorbent material. Wear gloves and eye protection. Prevent spillage from entering drains or watercourses. Dispose of in accordance with local, state, and federal regulations.

Section 7 – Handling and Storage

Handling: Avoid contact with eyes, skin and clothing. Always wash hands before smoking, eating, or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Storage: Keep container closed when not in use in order to minimize contamination. Keep from extreme heat and flames.

Section 8 – Exposure Controls / PPE

Exposure Limits: N/A

Engineering Controls: No Specific exposure controls needed.

Personal Protection: Protective gloves and glasses are not normally necessary when using this product. However, it is always prudent to wear gloves and glasses when handling and laboratory chemicals.

Section 9 – Physical/Chemical Properties

Physical State: Liquid

Color: Dark Blue

Odor: No Odor

Boiling Point: Near 100° C

Freezing Point: Not available

Vapor Pressure: Not available

Vapor Density: Not available

Coefficient of Distribution: Not available

Water Solubility: Completely soluble

Specific Gravity: Not available

pH: Not corrosive

Volatility: Not available

Odor Threshold: Not available

Evaporation Rate: Not available

Section 10 – Stability and Reactivity

Stability:

This product is believed to be stable at normal temperatures and pressure.

Materials to avoid:

No particular incompatibilities.

Hazardous Decomposition Products:

None. Product is unlikely to spontaneously combust.

Hazardous Polymerisation:

This product is unlikely to spontaneously polymerise.

Section 11 - Toxicological Information

Specific data is not available for this product. The ingredients are not classified as toxic.

Section 12 – Ecological Information

Not available for the product. Sodium dodecyl sulfate is toxic to aquatic organisms. Although SDS is only present in small quantities, and each unit only contains 30 mL, care should be taken to ensure the product does not enter the environment.

Section 13 – Disposal Considerations

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

Section 14 – Transport Information

No special storage or transport requirements.

Section 15 – Regulatory Information

This product has been classified according to the hazard criteria of the controlled product regulations (Canada) and found to be non-hazardous. OSHA classification, non-hazardous.

Section 16 – Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

• **Contact:**

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