#9803 MSDS

Material Safety Data Sheet (MSDS) for Cell Lysis Buffer (10X)

Cell Signaling TECHNOLOGY®

Rev. 12/01/11

I. Identification:

Product name: Cell Lysis Buffer (10X)
Product Catalog: 9803
CAS number: Not applicable to mixtures
Manufacturer Supplier: Cell Signaling Technology
3 Trask Lane
Danvers, MA 01923 USA
1-978-867-2300 TEL
1-978-867-2400 FAX
1-978-578-6737 Emergency Phone

II. Composition/Information on Ingredients:

This product is For Research Use Only. According to 29 CFR 1910.1200(d), mixtures with hazardous ingredients at less than <1% and carcinogens at less than < 0.1% are considered non-hazardous.
Hazardous Reagent:

Ingredient	Percent	CAS#
Triton X-100 (polyethylene glycol octylphenol ether)	1%	9002-93-1

III. Hazard Identification:

!! CAUTION: This product is not for use in humans. It is intended for research purposes only. To the best of our knowledge, the chemical, physical, and toxicological properties of this material have not been established.
Emergency Overview :
Harmful by Ingestion. Irritant.
Potential Health Effects:
Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.
Eye Contact: Causes eye irritation. Risk of damage to eyes.
Skin Contact: May be harmful if absorbed through skin. Causes skin irritation.
Ingestion: Harmful if swallowed.

IV. First Aid Measures for Hazardous Ingredient:

Triton X-100 (polyethylene glycol octylphenol ether):

Inhalation: Remove to fresh air. If breathing is difficult, get medical attention.
Ingestion: DO NOT INDUCE VOMITING. If person is conscious, wash out mouth with water. Get medical attention.
Skin contact: Wash skin with soap or mild detergent and water for at least 15 minutes. If irritation develops or persists, get medical attention.
Eye contact: Immediately flush eyes water for at least 15 minutes. Get medical attention.

V. Fire Fighting Measures:

Flash Point: data not available
Autoignition Temperature: data not available
Explosion: data not available
Fire extinguishing media: water spray, dry chemical, foam, or carbon dioxide.
Firefighting: wear protective clothing and self-contained breathing apparatus to prevent contact with skin and eyes. May emit toxic fumes under fire conditions.

VI. Accidental Release Measures:

Wear appropriate personal protective equipment as indicated in Section 8. Absorb liquid with an absorbent material. Transfer contaminated absorbent to a closed chemical waste container for disposal. Wash spill site after material has been picked up for disposal.

VII. Handling and Storage:

Store at 4°C in tightly closed container.
Avoid inhalation of vapor or mist. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Avoid prolonged or repeated exposure.

VIII. Exposure Controls/Personal

Ventilation System: a system of local (fume hood) and general exhaust is recommended.
Skin Protection: wear compatible chemical resistant gloves and protective clothing.
Eye protection: wear chemical safety goggles. Maintain emergency eyewash and shower in work area.

IX. Physical and Chemical Properties

Appearance:	Colorless liquid
Odor:	Data not available
pH:	Data not available
Boiling Point:	Data not available
Melting or Freezing Point:	Data not available
Flash Point:	Data not available
Volatile Organic Compounds (VOC):	Data not available
Autoignition temp.	Data not available
Solubility (water):	Soluble in water

X. Stability and Reactivity:

Stability: Stable under ordinary conditions.
Conditions/materials to avoid: Strong oxidizing agents, strong acids, strong bases
Hazardous Decomposition: Carbon monoxide, carbon dioxide.
Hazardous polymerization: Will not occur.

XI. Toxicological Information:

Acute toxicity: Data not available
Chronic exposure: Data not available
Potential Health Effects:
Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.
Skin: May be harmful if absorbed through skin. Causes skin irritation.
Eyes: Causes eye irritation.
Ingestion: Harmful if swallowed.

XII. Ecological Information:

Data not available

XIII. Disposal Considerations:

Dispose of in accordance with federal, state and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

XIV. Transport Information:

D.O.T. Proper Shipping Name: None. This substance is considered non-hazardous for transport.
IATA Proper Shipping Name: None. This substance is considered non-hazardous for air transport.

XV. Regulatory Information:

EU: Not classified
OSHA: Ingredient Triton X100, CAS#9002-93-1: Harmful by ingestion, Irritant
Canadian DSL: Listed: Ingredient Triton X100, CAS#9002-93-1
SARA 302, 313 Ingredients Not Listed.
SARA 311/312: Ingredient Triton X100, CAS#9002-93-1: Acute Health Hazard
Massachusetts Right To Know: Ingredients Not Listed.
Pennsylvania Right To Know: Ingredient Triton X100, CAS#9002-93-1
New Jersey Right To Know: Ingredient Triton X100, CAS#9002-93-1
California Prop. 65: Ingredients Not Listed.

XVI. Other Information:

This product is for research use only and is not intended for use in humans. To the best of our knowledge, this document is accurate. It is intended to serve as a guide for safe use of this product in a laboratory setting by experienced personnel. The burden of safe use of this material rests entirely with the user. The above information is believed to be accurate but is not necessarily all-inclusive and shall be used only as a guide. Cell Signaling Technology, Inc., shall not be held liable for any damage resulting from the handling of or from contact with the above product.