#9806 MSDS

Material Safety Data Sheet (MSDS) for RiPA Buffer (10X)

Cell Signaling TECHNOLOGY®

I. Identification:

Product name: RIPA Buffer (10X)

Product Catalog: 9806

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

II. Composition/Information on Ingredients:

Other than the ingredients listed below, this product is a mixture that contains less than 1% hazardous chemicals. According to 29CFR 1910.1200(d), ingredients at less than 1% concentration are not considered to be hazardous.

Hazardous Ingredient	CAS#	Percent
Nonidet P-40	9036-19-5	10%
Deoxycholic acid, sodium salt	302-95-4	10%

III. Hazard Identification:

EMERGENCY OVERVIEW

To the best of our knowledge, the chemical, physical, and toxicological properties of this solution have not been thoroughly investigated.

CAUTION:

Harmful May cause irritation to: Eyes
Skin
Mucous membranes
Respiratory system

May be harmful if inhaled, ingested, or absorbed through the skin, eyes, mucous membranes. Wear suitable personal protective equipment.

IV. First Aid Measures:

Inhalation: If inhaled, remove to fresh air. If breathing is difficult, get medical attention.

Ingestion: If swallowed, wash out mouth with water provided person is conscious. Get medical attention.

Skin exposure: In case of contact, immediately wash skin with soap and water for at least 15 minutes. Remove contaminated clothing. Wash clothing before reuse

Eye exposure: In case of contact with eyes, 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.
Specific Hazards: May emit toxic fumes in a fire situation.

VI. Accidental Release Measures:

Wear respirator, chemical safety goggles, rubber bots and heavy rubber gloves. Absorb liquid with an absorbent material such as sand or vermiculite. Sweep up, avoid raising dust. Transfer contaminated absorbent to a closed chemical waste container for disposal. Ventilate area and wash spill site to complete spill cleanup.

VII. Handling And Storage:

Store in tightly closed container. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

VIII. Exposure Controls/Personal:

Engineering Controls: Local and/or general exhaust is recommended to keep employee exposures below airborne exposure limits. Maintain eye wash fountain and quick-drench facilities in work area.

Personal Protective Equipment: Chemical safety goggles, chemical resistant gloves, suitable protective clothing.

Exposure Guidelines: Deoxycholic Acid, Sodium Salt None established.
Nonidet P-40 None established.

IX. Physical And Chemical Properties:

Appearance: colorless
Physical State: liquid
Odor: none
Boiling Point: data not available
Melting Point: data not available
Freezing Point: data not available
Volatile Organic Compounds: data not available
Solubility in water: yes

X. Stability and Reactivity:

Stability: Stable under normal conditions.
Hazardous Decomposition: May produce toxic fumes including carbon monoxide and carbon dioxide.

XI. Toxicological Information:

Acute Effects: Irritating to eyes. May be harmful by inhalation, ingestion, or skin absorption. May be irritating to skin, mucous membranes.

Chronic Effects: To the best of our knowledge, the chemical, physical, and toxicological properties of this solution have not been thoroughly investigated.

XII. Ecological Information:

No data available.

XIII. Disposal Considerations:

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

XIV. Transport Information:

DOT

Proper Shipping Name: none
Hazard Class: This substance is considered non-hazardous for transport.
UN/NA: none
Packing group: none

IATA

Proper Shipping Name: none
Non-Hazardous for air transport: This substance is considered non-hazardous for air transport.

XV. Regulatory Information:

EU Regulations/Classifications/Labeling Information: Not available for this chemical substance.

Component	SARA listed	TSCA	Canada DSL	Canada NDSL
Deoxycholic Acid, Sodium Salt	No	Yes	Yes	No
Nonidet P-40	No	Yes	No	No

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XVI. Other Information:

This compound is sold only for research use by personnel familiar with chemicals and who are well trained in good laboratory habits, such as avoiding spills, keeping hands clean at all times and not rubbing eyes with hands while working in the laboratory.

This solution is sold only for use in life sciences research. No other use is intended, and any other use may involve substantive hazards.

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide for experienced personnel. Cell Signaling Technology, Inc., shall not be held liable for any damage resulting from the handling of or from contact with the above product. The burden of safe use of this material rests entirely with the user.

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January 2007

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