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## 1. PRODUCT AND COMPANY IDENTIFICATION

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**Product Name** Mito Tracker Red CMXRos  
**Product Number** 9082  
**Identified Uses** For Research Use Only (RUO). Not intended for use in humans or animals.  
Not intended for therapeutic or diagnostic procedures.

**Manufacturer/Supplier** Cell Signaling Technology, Inc.  
3 Trask Lane  
Danvers, MA 01923 USA

**Phone #:** 978-867-2300

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## 2. HAZARDS IDENTIFICATION

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### Emergency Overview

This product contains no substances which at their given concentration are considered to be hazardous to health.

### Physical State

Solid

### Potential Health Effects

#### Acute Toxicity

Eyes	No information available
Skin	No information available
Inhalation	No information available
Ingestion	No information available

#### Chronic Effects

Carcinogenic effects	No information available
Mutagenic effects	No information available
Reproductive toxicity	No information available
Sensitization	No information available

**Target organ effects** No information available

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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### Hazardous Ingredients

This product contains no substances which at their given concentration are considered to be hazardous to health.

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## 4. FIRST AID MEASURES

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<b>Eye Contact</b>	Rinse immediately with plenty of water.
<b>Skin Contact</b>	Rinse immediately with soap and plenty of water.
<b>Inhalation</b>	Move to fresh air.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water.

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**5. FIRE FIGHTING MEASURES**

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<b>Flash Point</b>	See Section 9. Physical and Chemical Properties
<b>Suitable Extinguishing Media</b>	Use dry chemical
<b>Special exposure hazards</b>	No data available
<b>Special protection for fire fighters</b>	Wear self-contained breathing apparatus and protective unit
<b>Other information</b>	No data available

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**6. ACCIDENTAL RELEASE MEASURES**

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<b>Personal precautions</b>	Avoid contact with clothing, eyes and skin.
<b>Environmental precautions</b>	Prevent further leakage or spillage if safe to do so.
<b>Clean up methods</b>	Soak up with absorbent material. Keep in suitable closed containers for disposal.
<b>Other information</b>	See sections 12 and 13 for additional information.

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**7. HANDLING AND STORAGE**

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<b>Safe handling advice</b>	No special handling advice required.
<b>Storage conditions</b>	Keep container tightly closed.
<b>Incompatibilities</b>	No data available
<b>Specific end uses</b>	No data available

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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<b>Exposure Guidelines</b>	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
<b>Engineering Measures</b>	Showers, eyewash stations, and ventilation systems.
<b>Hygiene Measures</b>	Do not eat, drink or smoke when handling product. Wash hands thoroughly after handling product. Wash contaminated clothing before reuse.
<b>Personal Protective Equipment</b>	
Respiratory Protection:	None required under normal usage. If exposure limits are exceeded or irritation is experienced, wear suitable respiratory equipment.
Eye/Face Protection:	Safety glasses with side shields
Skin and body protection:	Wear suitable protective clothing
Hand protection:	Protective gloves.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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**Information on basic physical and chemical properties**

Physical State	solid
Appearance	no data available
Odor	no data available
pH	no data available

Water Solubility	no data available
Melting point/freezing point	no data available
Boiling point	no data available
Evaporation rate	no data available
Flash point	no data available
Autoignition temperature	no data available
Flammability limits in air	no data available
Explosive properties	no data available
VOC content	no data available
Decomposition temperature	no data available

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**10. STABILITY AND REACTIVITY**


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<b>Stability</b>	stable under normal conditions
<b>Conditions/Materials to avoid</b>	no data available
<b>Hazardous decomposition products</b>	no data available

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**11. TOXICOLOGICAL INFORMATION**


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**Acute Toxicity**

No data available.

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

**Routes of Exposure**
**Potential Health Effects**
**Acute Toxicity**

Eyes	No information available
Skin	No information available
Inhalation	No information available
Ingestion	No information available

**Chronic Effects**

Carcinogenic effects	No information available
Mutagenic effects	No information available

Reproductive toxicity	No information available
Sensitization	No information available

<b>Target organ effects</b>	No information available
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**12. ECOLOGICAL INFORMATION**


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<b>Ecotoxicity</b>	The environmental impact of this product has not been fully investigated.
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<b>Persistence and degradability</b>	No data available
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<b>Bioaccumulation</b>	Does not bioaccumulate. Inherently biodegradable.
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<b>Mobility</b>	No data available
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**13. DISPOSAL CONSIDERATIONS**

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**Waste Disposal Methods** Dispose of in accordance with all applicable environmental laws and regulations.

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**14. TRANSPORT INFORMATION**

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**IATA** Not classified as dangerous in the meaning of transport regulations  
**DOT** Not classified as dangerous in the meaning of transport regulations  
**MEX** Not classified as dangerous in the meaning of transport regulations

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**15. REGULATORY INFORMATION**

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**OSHA Regulatory Status**

This product is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**International Inventories**

**TSCA** -  
**DSL/NDSL** -  
**EINECS/ELINCS** -  
**ENCS** -  
**IECSC** -  
**KECL** -  
**PICCS** -  
**AICS** -  
**NZIoC** -

**U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain any substances regulated as hazardous air pollutants (HAPs) under Section 112 of the Clean Air Act Amendments of 1990.

**U.S. State Regulations**

This product does not contain any substances regulated by state right-to-know regulations.

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**WHMIS Hazard Class**

**Non-controlled**

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

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**16. OTHER INFORMATION**

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**Revision date** 2012-06-03  
**Revision Note** \*\*\*Indicates updated section

**Disclaimer**

The information provided on this material safety data sheet is to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Material Safety Data Sheet**