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1. PRODUCT AND COMPANY IDENTIFICATION

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**Product Name** MitoTracker® Deep Red FM  
**Product Number** 8778  
**CAS** N/A  
**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 #:** 1-978-867-2300  
**Emergency Tel#** 1-978-578-6737

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2. HAZARDS IDENTIFICATION

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**Emergency Overview**

**OSHA Hazards**

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

May cause irritation of respiratory tract

May cause eye irritation with susceptible persons



**Warning!**

**GHS Classification**

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

May cause irritation of respiratory tract

May cause eye irritation with susceptible persons

**Physical State**

Solid

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3. COMPOSITION/INFORMATION ON INGREDIENTS

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**Hazardous Ingredients**

Please see the individual material safety data sheets which can be found on the CST website [www.cellsignal.com/support/msds.html](http://www.cellsignal.com/support/msds.html) for hazard communication information specific to individual kit components contained in this product.

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4. FIRST AID MEASURES

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**Eye Contact** May cause eye irritation with susceptible persons. Rinse thoroughly with plenty of water, also under the eyelids.

**Skin Contact** Wash off immediately with plenty of water.

**Inhalation** May cause irritation of respiratory tract. Move to fresh air.

**Ingestion** Never give anything by mouth to an unconscious person.

**Notes to physician** Treat symptomatically.

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5. FIRE FIGHTING MEASURES

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**Suitable Extinguishing Media** Dry chemical.

**Special exposure hazards** No data available

**Special protection for fire fighters** Wear appropriate self-contained breathing apparatus and protective unit

**Other information** No data available

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**6. ACCIDENTAL RELEASE MEASURES**

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<b>Personal precautions</b>	Use personal protective equipment.
<b>Environmental precautions</b>	Prevent product from entering drains.
<b>Clean up methods</b>	Take up mechanically and collect in suitable container for disposal.

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**7. HANDLING AND STORAGE**

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<b>Safe handling advice</b>	No special handling advice required.
<b>Storage condition</b>	Keep in properly labeled containers.
<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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**Exposure Controls**  
No data available.

**Engineering Controls**  
Ensure adequate ventilation, especially in confined areas.

**Hygiene Measures**  
Handle in accordance with good industrial hygiene and safety practice.

**Personal Protective Equipment**  
Respiratory Protection: In case of insufficient ventilation wear suitable respiratory equipment.  
Eye Protection: Safety glasses with side shields  
Skin and body protection: Lightweight 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
Color	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
Flammability	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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To the best of our knowledge, the chemical, physical and toxicological properties have not been fully investigated.

**Potential Health Effects**

**Acute Toxicity**

Eyes	May cause eye irritation with susceptible persons.
Skin	No information available.
Inhalation	May cause irritation of respiratory tract.
Ingestion	No information available.

**Chronic Effects**

Carcinogenic effects	No information available.
Mutagenic effects	No information available.
Teratogenic effects	No information available.
Reproductive toxicity	No information available.

12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	No data available
<b>Persistence and degradability</b>	Inherently biodegradable.
<b>Bioaccumulation</b>	Does not bioaccumulate.
<b>Mobility</b>	No data available

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

<b>IATA</b>	Not regulated as dangerous goods
<b>DOT</b>	Not regulated as dangerous goods
<b>MEX</b>	Not regulated as dangerous goods

15. REGULATORY INFORMATION

**OSHA Hazards**

No information available.



**Warning!**

**GHS Classification**

This product does not contain HAPs.

**International Inventories**

<b>TSCA (8a) PAIR</b>	-
<b>EINECS/ELINCS</b>	-
<b>ENCS</b>	-
<b>IECSC</b>	-
<b>KECL</b>	-
<b>PICCS</b>	-
<b>AICS</b>	-
<b>NZIoC</b>	-

**U.S. Federal Regulations**

**SARA 302/304/311/312 hazardous chemicals:** This product is not regulated by SARA.

**SARA 311/312 MSDS Distribution:** This product is not regulated by SARA.

**U.S. State Regulations** This product does not contain chemicals listed under Proposition 65.

Massachusetts Right-to-Know	No components are listed.
Pennsylvania Right-to-Know	No components are listed.
New Jersey Right-to-Know	No components are listed.

California Prop 65 Components

This product does not contain any chemicals known to the State of California to cause cancer, birth defects or any other reproductive harm.

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## 16. OTHER INFORMATION

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**Revision date** 2013-01-25

### 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