

MATERIAL SAFETY DATA SHEET

Elite™ Mitochondrial Membrane Potential Detection Kit

COMPANY DETAILS

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IDENTIFICATION SECTION

| | |
|--|--|
| Product Name | <i>Elite™ Mitochondrial Membrane Potential Detection Kit</i> |
| Other Names | None |
| Product Code | CA-M145 |
| U.N.Number | None allocated |
| Dangerous Goods Class and Subsidiary Risk | None allocated |
| Hazchem Code | None allocated |
| Poison Schedule | None allocated |
| Use | m-MPI detection |

Physical Description and Properties

| | |
|---------------------|-----------------|
| Appearance | Solid or liquid |
| Melting Point | Not available |
| Vapour Pressure | Not available |
| Specific Gravity | Not available |
| Flash Point | Not available |
| Flammability Limits | Not available |
| Solubility | Water or DMSO |

COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | Description | Quantity |
|--|-----------------------------|-----------------|
| Mitochondrial Membrane Potential Indicator in DMSO | Liquid compound solution | 0.1 ml |
| m-MPI Assay Buffer (10x) | Common physiological buffer | 25 ml |

HEALTH HAZARD INFORMATION

Health Effects:

Acute

Swallowed: May cause irritation

Eye: May cause irritation
Skin: May cause irritation
Inhaled: May cause irritation to upper respiratory tract

Chronic

First Aid:
Swallowed: If conscious, immediately induce vomiting
Eye: Wash continuously with water for 15 minutes
Skin: Immediately wash skin with soap and copious amounts of water.
Wash contaminated clothing before reuse.
Inhaled: Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
First Aid Facilities: Eye bath, safety shower

PRECAUTIONS FOR USE

Exposure Standards: No data
Engineering Controls: General or local exhaust ventilation
Personal Protection: Safety goggles, uniform, apron, rubber gloves are recommended
Flammability: Use in well ventilated area

SAFE HANDLING INFORMATION

Storage and Transport: Keep in a tightly closed container. Stored in a cool, dry, ventilated area.
Spills and Disposal: With clean shovel, carefully place material into clean, dry container and cover. Remove from area. Flush spill area with water. Dispose in accordance with all applicable federal, state and local environmental regulations. Wear self-contained breathing apparatus and full protective clothing.
Fire/Explosion Hazard: Use extinguishing media appropriate for surrounding fire. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece in positive pressure mode. Note: decomposes at melting point. Toxic gases produced: hydrogen chloride, nitrogen oxides, carbon monoxide, carbon dioxide.

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.