Section 1 - Product and Company Information

Product Name: Wortmannin
Cat. Code: tlr1-wtm

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San Diego, California 92121, USA
(+1) 858 457 5873

Company identification:
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+33 (0) 5 62 71 69 39

Emergency number: ORFILA (INRS): +33 (0)1 45 42 59 59

Disclaimer: All InvivoGen products are supplied for research and laboratory use only. Not for drug, household or other uses.

Section 2 – Hazards Identification

Emergency Overview:
OSHA Hazards: Delayed target organ effects. Highly toxic by inhalation. Highly toxic by ingestion. Highly toxic by skin absorption. Target organ: Heart.

HMIS Classification: Health Hazard 4, Chronic Health Hazard *, Flammability Hazard 0, Physical Hazards 0
NFPA Rating: Health Hazard 4, Fire 0, Reactivity Hazard 0

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]
Acute toxicity, Inhalation (Category 1)
Acute toxicity, Dermal (Category 2)
Acute toxicity, Oral (Category 1)

Classification according to EU Directives 67/548/EEC or 1999/45/EC
Very toxic by inhalation, in contact with skin and if swallowed.

Labelling according Regulation (EC) No 1272/2008 [CLP] and GHS

Pictogram

Signal word Danger

Hazard statement(s)
H300 Fatal if swallowed.
H310 Fatal in contact with skin.
H330 Fatal if inhaled.

Precautionary statement(s)
P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/ protective clothing.
P284 Wear respiratory protection.
Section 3 – Composition/Information on Ingredient

Synonyms: Wortmannin; KY 12420
CAS number: 19545-26-7

Section 4 – First Aid Measures

General advice: Consult a physician. Show this material safety data sheet to the doctor in attendance.
After skin contact: Immediately wash skin with soap and plenty of water. Consult a physician.
After swallowing: Never give anything by mouth to an unconscious person. Rinse mouth with water provided person is conscious. Consult a physician.
After inhalation: Remove to fresh air. If not breathing give artificial respiration. Consult a physician.
After eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Consult a physician.

Section 5 – Fire Fighting Measures

Suitable extinguishing media: Water spray, carbon dioxide, dry chemical powder or appropriate foam.
Specific hazards arising from the chemical: No data available.
Special Firefighting Procedures: Wear self-contained breathing apparatus for fire fighting if necessary.

Section 6 – Accidental Release Measures

Personal precautions: Wear protective equipment. Keep unprotected persons away. Avoid dust formation.
Method for Cleaning Up: Sweep up and place in closed containers for disposal. Dispose contaminated material as waste according to section 13. Ventilate area and wash spill site after material clean-up is complete.

Section 7 – Handling and Storage

Handling: Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.
User Exposure: Avoid inhalation. Use personal protective equipment (i.e. impermeable gloves, lab coat or apron).
Storage: Store at -20°C.

Section 8 – Exposure Controls / PPE

Personal protective equipment
Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection,
use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Hand protection**
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Eye protection**
Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin and body protection**
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

**Hygiene measures**
Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

### Section 9 – Physical / Chemical Properties

**Appearance**
Physical state: Solid
Color: White

**Safety Data**
Odor: No data available
Odor threshold: No data available
pH: No data available
Melting point/freezing point: No data available
Initial boiling point and boiling range: No data available
Flash point: No data available
Evaporation rate: No data available
Flammability: No data available
Upper/lower flammability or explosive limits: No data available
Vapor pressure: No data available
Relative density: No data available
Solubility: No data available
Partition coefficient (n-octanol/water): No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Viscosity: No data available

### Section 10 – Stability and Reactivity

**Reactivity:** No data available
**Chemical stability:** Stable under recommended storage conditions
**Possibility of hazardous reactions:** No data available
**Conditions to avoid:** No data available
**Incompatible materials:** No data available
**Hazardous decomposition products:** No data available

### Section 11 – Toxicological Information

**Acute toxicity:**
Oral LD50: 4 mg/kg rat
Inhalation LC50: No data available
Dermal LD50: No data available
Other information on acute toxicity: No data available

**Skin corrosion/irritation:** No data available
Section 12 – Ecological Information

Ecotoxicity: No data available
Persistence and degradability: No data available
Bioaccumulative potential: No data available
Mobility in soil: No data available

Section 13 – Disposal Considerations

Product: Observe all federal, state and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Must not be disposed of together with household garbage.
Contaminated Packaging: Dispose of as unused product.

Section 14 – Transport Information

ADR/RID: UN number: 2811 Class: 6.1 Packing group: II Proper shipping name: Toxic solids, organic, n.o.s. (Wortmannin) Marine pollutant: No Poison Inhalation Hazard: No
IMDG: UN number: 2811 Class: 6.1 Packing group: II EMS-No: F-A, S-A Proper shipping name: Toxic solids, organic, n.o.s. (Wortmannin) Marine pollutant: No
IATA: UN number: 2811 Class: 6.1 Packing group: II Proper shipping name: Toxic solid, organic, n.o.s. (Wortmannin)

Section 15 – Regulatory Information


Section 16 – Other Information

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