

## Broad Spectrum Protease Inhibitor Cocktail

**Cat#: orb76032 (MSDS)**

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Identification of the Substance

Catalog Number: orb76032

Product Name : Broad Spectrum Protease Inhibitor Cocktail

#### Application of the substance or mixture

For research use only.

#### Company Identification

**supplier** : Biorbyt Ltd, 5 Orwell Furlong, Cowley Road, Cambridge, Cambridgeshire, CB4 0WY, United Kingdom.

**Emergency Phone #** : +44 (0)1223 859-353

### SECTION 2: Hazards identification

#### Classification of the substance or mixture

Not a hazardous substance or mixture.

#### GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

**Hazards not otherwise classified (HNOC) or not covered by GHS** – none

### SECTION 3: Composition/information on ingredients

No components need to be disclosed according to the applicable regulations.

## SECTION 4: First aid measures

<b>Skin contact</b>	Wash off immediately with soap and plenty of water.
<b>Eye contact</b>	Rinse immediately with plenty of water. Consult a physician.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
<b>Inhalation</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
<b>Notes to physician</b>	Treat symptomatically.

## SECTION 5: Firefighting measures

<b>Suitable extinguishing media</b>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
<b>Protective equipment for firefighters</b>	Wear self-contained breathing apparatus and protective suit.
<b>Special hazards arising from the substance or mixture</b>	Nature of decomposition products not known.

## SECTION 6: Accidental release measures

<b>Personal precautions</b>	For personal protection see section 8.
<b>Environmental precautions</b>	Do not let product enter drains.
<b>Methods and materials for containment and cleaning up</b>	Keep in suitable, closed containers for disposal.
<b>Reference to other sections</b>	For disposal see section 13.

## SECTION 7: Handling and storage

<b>Handling</b>	Provide appropriate exhaust ventilation at places where dust is formed.
<b>Storage</b>	Store according to product specifications.

## SECTION 8: Exposure controls/personal protection

### Control parameters

#### Components with workplace control parameters

Contains no substances with occupational exposure limit values

### Exposure controls

#### Appropriate engineering controls

Follow general industrial hygiene and safety practice.

### Personal protective equipment

<b>Respiratory protection</b>	In case of insufficient ventilation wear suitable respiratory equipment
<b>Hand protection</b>	Impervious gloves
<b>Eye protection</b>	Safety glasses with side-shields
<b>Skin and body protection</b>	Lightweight protective clothing

### Environmental exposure controls

Prevent product from entering drains

## SECTION 9: Physical and chemical properties

### Important Health Safety and Environment Information

<b>a) Appearance Form:</b>	no data available
<b>b) Odour</b>	no data available
<b>c) Odour Threshold</b>	no data available
<b>d) pH</b>	no data available
<b>e) Melting point/freezing point</b>	no data available
<b>f) Initial boiling point and boiling range</b>	no data available
<b>g) Flash point</b>	no data available

<b>h) Evaporation rate</b>	no data available
<b>i) Flammability (solid, gas)</b>	no data available
<b>j) Upper/lower flammability or explosive limits</b>	no data available
<b>k) Vapour pressure</b>	no data available
<b>l) Vapour density</b>	no data available
<b>m) Relative density</b>	no data available
<b>n) Water solubility</b>	no data available
<b>o) Partition coefficient: noctanol/water</b>	no data available
<b>p) Auto-ignition temperature</b>	no data available
<b>q) Decomposition temperature</b>	no data available
<b>r) Viscosity</b>	no data available
<b>s) Explosive properties</b>	no data available
<b>t) Oxidizing properties</b>	no data available

## SECTION 10: Stability and reactivity

<b>Reactivity</b>	no data available
<b>Chemical Stability</b>	Stable under recommended storage and handling conditions.
<b>Possibility of hazardous reactions</b>	no data available
<b>Conditions to avoid</b>	no data available
<b>Incompatible materials</b>	Strong oxidizing agents, strong acids/alkalis
<b>Hazardous decomposition products</b>	no data available

## SECTION 11: Toxicological information

**Acute toxicity** no data available

**Principle Routes of Exposure/Potential Health effects**

<b>Eye irritant effect</b>	no data available
<b>Skin irritant effect</b>	no data available
<b>Sensitization</b>	no data available
<b>Mutagenicity</b>	no data available

<b>Germ cell mutagenicity</b>	no data available
<b>Reproductive toxicity</b>	no data available
<b>Carcinogenicity</b>	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP, OSHA.
<b>Additional toxicological information</b>	no data available

## SECTION 12: Ecological information

<b>Ecotoxicity</b>	no data available
<b>Mobility</b>	no data available
<b>Biodegradation</b>	no data available
<b>Bioaccumulation</b>	no data available

## SECTION 13: Disposal considerations

<b>Disposal methods</b>	Dispose of waste in accordance to applicable national, regional, or local regulations.
<b>Contaminated packaging</b>	Dispose of as unused product.

## SECTION 14: Transport information

<b>DOT (US)</b>	Not dangerous goods
<b>IMDG</b>	Not dangerous goods
<b>IATA</b>	Not dangerous goods

## SECTION 15: Regulatory information

### SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### SARA 311/312 Hazards

No SARA Hazards

## Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

## California Prop. 65 Components

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