# Material Safety Data Sheet

**Date 10/20/13**

## SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### 1.1. PRODUCT

**Product name:** GST-VCA (human recombinant WAVE VCA-domain, GST-tagged)

**Hypermol product number:** 8416-01;

### 1.2 . USE

Laboratory chemical, for research use only. Not for use in human or veterinary therapeutic or diagnostic processes.

### 1.3. MANUFACTURER AND SUPPLIER OF THE SAFETY DATA SHEET

Hypermol EK
Theesener Str. 7a
D 33739 Bielefeld, Germany

Phone: 0049-521-9876226
FAX: 0049-521-9876227

### 1.4. EMERGENCY TELEPHONE NUMBER

Poison Centre Munich +49(0)8919240

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

This product is not hazardous according to Regulation 1272/2008/EC.
Not classified as dangerous according to Directive 67/548/EEC.
Significant effects or critical hazards are not expected when the recommended instructions for use are followed.
Swallowing or contact with eyes and skin may cause moderate (but insufficient to be classified) mechanical irritations to sensitive persons.

### 2.2. LABEL ELEMENTS

No label required in accordance with EC directives.

### 2.3. OTHER HAZARDS

Not known

## SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

### 3.1. SUBSTANCES

Major component: WAVE protein (WASP family verprolin homologous) VCA domain, GST-tagged, human recombinant.
No further components need to be disclosed according to the applicable regulations.

## SECTION 4: FIRST AID MEASURES

### 4.1. DESCRIPTION OF FIRST AID MEASURES

| | |
|---|---|
| **Skin contact** | Wash off immediately with sop and plenty of water. If symptoms persist, call a physician. |
| **Eye contact** | Rinse thoroughly with plenty of water for several minutes, also under the eyelids. If symptoms persist, call a physician. |
| **Ingestion** | Rinse mouth with water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. |
| **Inhalation** | Move to fresh air. If symptoms persist, call a physician. |
| **Notes to physician** | Treat symptomatically. |

### 4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

No data available

### 4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

No data available

## SECTION 5: FIRE FIGHTING MEASURES

**5.1. EXTINGUISHING MEDIA** water, carbon dioxide, foam, or dry chemical

**5.2. SPECIAL FIRE FIGHTING PROCEDURES** none

**5.3. SPECIAL ADVICE FOR FIRE FIGHTERS** none

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**6.1. PERSONAL PRECAUTIONS** Use personal protective equipment. Ensure adequate ventilation.

**6.2. ENVIRONMENTAL PRECAUTIONS** Do not let the product into drains. Prevent further spillage if safe to do so.

**6.3. METHODS FOR CLEANING UP** Take up mechanically and collect in suitable container for disposal.

**6.4. REFERENCE TO OTHER SECTIONS** For disposal see section 13.

## SECTION 7: HANDLING AND STORAGE

**7.1. PRECAUTIONS FOR SAFE HANDLING** Avoid contact with skin and eyes. Avoid inhalation. No specific handling instructions.

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**7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES** Keep in properly labelled containers. Keep containers tightly closed. Recommended storage temperature: below – 20°C.

**7.3. SPECIFIC END USES** no data available

## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

**8.1. EXPOSURE LIMITS** Contains no substances with occupational exposure limit values.

**8.2. EXPOSURE CONTROLS**

**Personal protective equipment** Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment
Safety glasses with side shields
Impervious gloves
Lightweight protective clothing

**Environmental exposure control** Prevent product from entering drains

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

| | |
|---|---|
| **Form:** | lyophilized white powder |
| **Boiling point:** | no data available |
| **Melting point:** | no data available |
| **Flash point:** | no data available |
| **Self-igniting:** | no data available |
| **Danger of explosion:** | product is not explosive |
| **Water solubility:** | water soluble |

**9.2. OTHER SAFETY INFORMATION:** no data available

## SECTION 10: STABILITY AND REACTIVITY

**10.1. REACTIVITY** no data available

**10.2. CHEMICAL STABILITY** stable under recommended storage conditions

**10.3. POSSIBILITY OF HAZARDOUS REACTIONS** no data available

**10.4. CONDITIONS TO AVOID** no data available

**10.5. INCOMPATIBLE MATERIALS** strong acids, strong oxidizing agents, metals

**10.6. HAZARDOUS DECOMPOSITION PRODUCTS** no data available

## SECTION 11: TOXICOLOGICAL INFORMATION

**11.1. INFORMATION ON TOXICOLOGICAL EFFECTS** no data available
may be harmful if inhaled or ingested.
may cause irritations of skin or eye upon contact.

## SECTION 12: ECOLOGICAL INFORMATION

**12.1. TOXICITY** no data available

**12.2. PERSISTENCE AND DEGRADABILIY** no data available

**12.3. BIOACCUMULATIVE POTENTIAL** no data available

**12.4. MOBILITY IN SOIL** no data available

**12.5. RESULTS OF PBT and vPvB ASSESSMENT** no data available

**12.6. OTHER ADVERSE EFFECTS** no data available. May be harmful to aquatic life.

## SECTION 13: DISPOSAL CONSIDERATIONS

Waste must be disposed in accordance with the local environmental control regulations.

## SECTION 14: TRANSPORT INFORMATION

**14.1. UN-Number** no information available

**14.2. UN PROPER SHIPPING NAME** not dangerous goods

**14.3. HAZARD CLASS** no information available

**14.4. PACKAGING GROUP** no information available

**14.5. ENVIRONMENTAL HAZARDS** no information available

## SECTION 15: REGULATORY INFORMATION

**The product is classified and labelled in accordance with Regulation 1907/2006/EC.**

**15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE**
no data available

**15.2. CHEMICAL SAFETY ASSESSMENT**
**R-phrase(s)**
no data available
**S-phrase(s)**
no data available

## SECTION 16: OTHER INFORMATION

The above information was acquired by careful investigation and is provided in good faith. Hypermol makes no representation as to its comprehensiveness or accuracy. The information shall not be taken as being all inclusive and should be taken only as a guide. All substances described here may contain unknown hazards, and should be used with professional caution. Since Hypermol cannot control the actual conditions of use and handling, it shall not be held liable for any damages resulting from the use of or reliance upon this information.

**END OF MSDS**