



# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date: 10.05.2010

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## 1 Identification of the substance/preparation and of the company/undertaking

Product name: **Tetrahydroxyethyladipamide**  
Synonyms: N,N,N',N'-Tetrakis(2-hydroxyethyl) adipamide; bis[N,N-di(β-hydroxyethyl)]adipamide;  
N,N,N',N'-Tetrakis(2-hydroxyethyl) hexanediamide; TETRAVUP  
Application of the substance/the preparation: Chemical intermediate; chemical speciality  
Manufacturer/Supplier: VUP, a.s.  
Nábrežná 4  
971 04 Prievidza, Slovakia  
Tel: 00421-46-5430841  
Fax: 00421-46-5430261  
E-mail: kbu@vupas.sk

## 2 Hazards identification

Not hazardous substance or preparation according to EC-Directive 67/548/EC or 1999/45/EC.

## 3 Composition/information on ingredients

Formula:  $C_{14}H_{28}N_2O_6$

Name	CAS	EA-No.	Index-No.	Classification	Concentration
Tetrahydroxyethyladipamide	6334-25-4	405-370-0	-	-	Over 95 %

## 4 First aid measures

### After eye contact:

Immediately flush the eyes with water. Assure adequate flushing of the eyes by separating the eyelids.

### After skin contact:

Immediately wash skin with water while removing contaminated clothing and shoes.

### After ingestion:

Wash out mouth with water and then drink a lot of water.

### After inhalation:

Remove to fresh air immediately. If not breathing give artificial respiration. If breathing difficult, give oxygen. Seek medical attention.

## 5 Fire-fighting measures

### Suitable extinguishing media:

Use extinguishing media appropriate to surrounding fire conditions, water spray, powder or CO<sub>2</sub>.

### Special fire fighting procedures:

Protective clothing and self-contained breathing apparatus should be worn to prevent contact with skin.

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Product name: **Tetrahydroxyethyladipamide**

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## 6 Accidental release measures

### **Personal precautions:**

Ensure adequate ventilation.

### **Method for cleaning up:**

Pick up immediately.

## 7 Handling and storage

### **Handling:**

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin and clothing. Avoid inhalation and ingestion.

### **Storage:**

Store indoors at a constant temperature, if possible, preferably around 15 °C in dry, well ventilated conditions in full, sealed, opaque containers. Keep away from sources of ignition.

## 8 Exposure controls/personal protection

### **Personal protection**

**Eyes:** Wear suitable eye protection – chemical safety goggles.

**Skin:** Wear suitable protection clothing.

**Respirators:** Use suitable respiratory protective device in case of insufficient ventilation. Filter P1

**Ventilation:** Use adequate general or local exhaust ventilation to keep airborne concentrations level as low as possible.

**General:** Safety shower and eye bath. Do not get into eyes, on skin or on clothing. Avoid prolonged or repeated exposure.

## 9 Physical and chemical properties

Physical State: powder -crystalline, solid

Color: white to yellowish

Freezing/Melting Point: 123 °C

## 10 Stability and reactivity

### **Stability:**

Stable under normal temperatures and pressures.

### **Dangerous decomposition products:**

No hazardous decomposition products known.

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Product name: **Tetrahydroxyethyladipamide**

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### 11 Toxicological information

**Health hazards:** None identified

#### Route of exposure

**Skin contact:** May cause skin irritation.

**Ingestion:** May be harmful if swallowed.

**Skin absorption:** May be harmful if absorbed through the skin.

**Eye contact:** May cause eye irritation.

**Inhalation:** May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

### 12 Ecological information

Data not yet available.

### 13 Disposal considerations

European waste catalogue:  
07 00 00 Wastes from organic chemical processes

### 14 Transport information

**RID/ADR** - Not regulated as hazardous for transport.

**IMDG** - Not regulated as hazardous for transport.

**IATA** - Not regulated as hazardous for transport.

### 15 Regulatory information

#### European/International Regulations

European Labeling in Accordance with EC Directives.

No risk and safety phrases are given.

Not classified as dangerous, no hazard label required.

### 16 Other information

This Safety Data Sheet is not a Product Specification. It is based on our present knowledge and experience and it is intended to serve as a guide for safe handling of the product regarding to health and environmental aspects.