



## **SAFETY DATA SHEET**

### **ESA VTA 23**

According to Regulation (EU) No 2015/830

#### **SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

##### **1.1. Product identifier**

**Product name** ESA VTA 23

##### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Identified uses** Industrial Use

##### **1.3. Details of the supplier of the safety data sheet**

**Supplier** Esas Kimya A.Ş  
Gebkim Kocaeli Gebze V İhtisas  
Org.San.Böl. Recep YAZICI Cad.  
No:3 DİLOVASI /KOCAELİ  
TEL : 0262 290 89 93-94

**Başvurulacak kişi** FRIEDRICH MICHAEL HALTMEIER

##### **1.4. Emergency telephone number**

ESAS KİMYA: 0262 290 89 93-94

#### **SECTION 2: HAZARDS IDENTIFICATION**

##### **2.1. Classification of the substance or mixture**

###### **Classification (EC 1272/2008)**

Physical and Chemical Hazards Not classified.  
Human health Not classified.  
Environment Not classified.

##### **2.2. Label elements**

###### **Label In Accordance With (EC) No. 1272/2008**

Not classified. No pictogram required.

###### **Hazard Statements**

Not classified.

###### **Precautionary Statements**

Not classified.

##### **2.3. Other hazards**

This product does not contain another predicted danger.

#### **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

##### **3.2. Mixtures**

Name	EC No.	CAS No.	Content	Classification ((EC) No 1272/2008)
2,2'-oxydiethanol	203-872-2	111-46-6	5-10 %	Acute Tox. 4 - H302
2-(2-butoxyethoxy)ethanol	203-961-6	112-34-5	1-5 %	Eye Irrit. 2 - H319
2-ethylhexanol, ethoxylated, phosphated, sodium salt	---	111798-26-6	1-5 %	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319



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The Full Text for all Hazard Statements are Displayed in Section 16.

#### **Composition Comments**

- The data shown are in accordance with the latest EC Directives.

### **SECTION 4: FIRST AID MEASURES**

#### **4.1. Description of first aid measures**

##### **Inhalation**

Get medical attention if any discomfort continues.

##### **Ingestion**

Never make an unconscious person vomit or drink fluids! Rinse mouth thoroughly. Get medical attention if any discomfort continues.

##### **Skin contact**

Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

##### **Eye contact**

Take victim immediately from exposure area to another location. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention if any discomfort continues.

#### **4.2. Most important symptoms and effects, both acute and delayed**

No information available.

#### **4.3. Indication of any immediate medical attention and special treatment needed**

No specific treatment. Treat symptomatically.

### **SECTION 5: FIREFIGHTING MEASURES**

#### **5.1. Extinguishing media**

##### **Extinguishing media**

Fire can be extinguished using: Foam, carbon dioxide, dry powder or water fog.

#### **5.2. Special hazards arising from the substance or mixture**

##### **Specific hazards**

In case of fire, toxic gases may be formed. Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

#### **5.3. Advice for firefighters**

##### **Special Fire Fighting Procedures**

Move container from fire area if it can be done without risk. Keep run-off water out of sewers and water sources. Dike for water control. Emergency personnel, except of course provide the move away from the fire area. Fire residues and contaminated fire extinguishing water must be disposed of according to local regulations.

##### **Protective equipment for fire-fighters**

Use air-supplied respirator during fire fighting. Face mask, protective gloves and safety helmet.

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes.

In case of spills, beware of slippery floors and surfaces.

#### **6.2. Environmental precautions**

Avoid release to the environment.



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#### **6.3. Methods and material for containment and cleaning up**

- Large Spillages:** Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area.
- Small Spillages:** Wear necessary protective equipment. Absorb spillage with suitable absorbent material.

#### **6.4. Reference to other sections**

For personal protection, see section 8.  
See section 11 for additional information on health hazards.  
For waste disposal, see section 13.

### **SECTION 7: HANDLING AND STORAGE**

#### **7.1. Precautions for safe handling**

Read and follow manufacturer's recommendations. Avoid contact with skin and eyes.  
Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.  
Do not eat, drink or smoke when using the product. Observe good chemical hygiene practices.

#### **7.2. Conditions for safe storage, including any incompatibilities**

Store in tightly closed original container in a dry and cool place. Protect from direct sunlight.  
Keep away from food, drink and animal feeding stuffs. Keep containers upright.

#### **7.3. Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### **8.1. Control parameters**

##### **2,2'-oxydiethanol**

Long-term exposure limit (8-hour TWA): WEL 23 ppm 101 mg/m<sup>3</sup>

##### **2-(2-butoxyethoxy)ethanol**

Long-term exposure limit (8-hour TWA): WEL 10 ppm 67.5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 15 ppm 101.2 mg/m<sup>3</sup>

#### **8.2. Exposure controls**

##### **Protective equipment**



##### **Process conditions**

Provide eyewash, quick drench

##### **Engineering measures**

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

##### **Respiratory equipment**

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

##### **Hand protection**

Use suitable protective gloves if risk of skin contact. Neoprene, nitrile, polyethylene or PVC. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Before removing gloves clean them with soap and water.



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#### **Eye protection**

If risk of splashing, wear safety goggles or face shield.

#### **Hygiene measures**

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. When using do not eat, drink or smoke.

#### **Skin protection**

Protection suit must be worn.

### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

#### **9.1. Information on basic physical and chemical properties**

<b>Appearance</b>	Liquid.
<b>Colour</b>	Yellow / Brown
<b>Odour</b>	Odorless
<b>Solubility</b>	No data available.
<b>Initial boiling point and boiling range</b>	105°C
<b>Melting Point</b>	(-1°C)
<b>pH Value</b>	6,5 – 7,5
<b>Flash point</b>	No data available.
<b>Density</b>	1 g/cm <sup>3</sup> (20°C)
<b>Viscosity</b>	No data available.
<b>Partition Coefficient (N-octanol/water)</b>	No data available.

#### **9.2. Other information**

No data available.

### **SECTION 10: STABILITY AND REACTIVITY**

#### **10.1. Reactivity**

No data available.

#### **10.2. Chemical stability**

Stable under normal temperature conditions and recommended use. Stable under the prescribed storage conditions.

#### **10.3. Possibility of hazardous reactions**

Not expected.

#### **10.4. Conditions to avoid**

Avoid exposure to high temperatures or direct sunlight.

#### **10.5. Incompatible materials**

No data available.

#### **10.6. Hazardous decomposition products**

**Fire creates:** Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).



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#### **SECTION 11: TOXICOLOGICAL INFORMATION**

##### **11.1. Information on toxicological effects**

###### **Acute Toxicity**

ATE oral 7142,85 mg/kg

###### **Serious eye damage/irritation**

No data available.

###### **Skin corrosion/irritation**

No data available.

###### **Respiratory or skin sensitisation:**

No data available.

###### **Germ cell mutagenicity**

###### **Genotoxicity - In Vitro/ In Vivo**

No data available.

###### **Carcinogenicity**

No data available.

###### **Reproductive Toxicity – (Fertility/ Development)**

No data available.

#### **SECTION 12: ECOLOGICAL INFORMATION**

##### **12.1. Toxicity**

Product information is not available on the ecotoxicity. Not regarded as dangerous for the environment.

##### **12.2. Persistence and degradability**

There are no data on the degradability of this product.

##### **12.3. Bioaccumulative potential**

There are no data on the bioaccumulating.

##### **12.4. Mobility in soil**

The product is water soluble and may spread in water systems. It can be spread in the soil in this way.

##### **12.5. Results of PBT and vPvB assessment**

This product does not contain any PBT or vPvB substances.

##### **12.6. Other adverse effects**

No data available.

#### **SECTION 13: DISPOSAL CONSIDERATIONS**

##### **13.1. Waste treatment methods**

Dispose of waste, empty containers and residues in accordance with local authority requirements.

Environmental manager must be informed of all major spillages.

#### **SECTION 14: TRANSPORT INFORMATION**

##### **14.1. UN number**

Not applicable.



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#### **14.2. UN proper shipping name**

Not applicable.

#### **14.3. Transport hazard class(es)**

Not applicable.

#### **14.4. Packing group**

Not applicable.

#### **14.5. Environmental hazards**

**Environmentally Hazardous Substance/Marine Pollutant**

No.

#### **14.6. Special precautions for user**

Not applicable.

#### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

### **SECTION 15: REGULATORY INFORMATION**

#### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

##### **Uk Regulatory References**

Highly Flammable Liquid Regulations 1972.

##### **Guidance Notes**

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

##### **EU Legislation**

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. System of specific information relating to Dangerous Preparations. 2001/58/EC.

#### **15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out.

### **SECTION 16: OTHER INFORMATION**

##### **Abbreviations**

WEL	: Workplace exposure limit
ATE	: Acute Toxicity Estimate
TWA	: Time-weighted average
STEL	: Short Term Exposure Limit
BHOT	: Specific Target Organ Toxicity
IBC	: International Code for the Construction and Equip
MARPOL	: International Convention for the Prevention of Pollution From Ships.
DNEL	: Derived No-Effect Level
PBT	: Persistent Bioaccumulative Toxic
vPvB	: very Persistent, very Bioaccumulative

##### **Hazard Statements In Full**

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye



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#### **Revision Comments**

This is first issue.

#### **Issued By**

Havva Bilgili/ CRAD  
gbf@crad.com.tr +90 216 3354600

#### **Issued Note**

This SDS is prepared based on the information and documents received from product owner. CRAD or/and SDS author shall not be responsible for incorrect prepared of SDS and pecuniary loss or intangible damages because of deficient or wrong information and documents which comes from product owner.

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