



# **Material Safety Data Sheet**

***Anti-U1-70 ELISA***

***Catalog Number: 35-U17HU-E01***

## **ALPCO Diagnostics**

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**AESKU.DIAGNOSTICS Material Safety Data Sheet** according to 91/155 EC**AESKULISA U1-70 Code 3104****1. Identification of substance****Product details****AESKULISA U1-70 Code 3104****Manufacturer / Supplier**

**AESKU.DIAGNOSTICS**  
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**2. Composition / Data on components****Chemical characterization**

Preparation

**Description**

Mixture of substances listed below with nonhazardous additions.

**Hazardous ingredients:**

Name according to EC Directives: Sodium azide

Hazard symbols: T+ R-phrases: 28-32-50/53

EC-Index-No.: 011-004-00-7 very toxic if swallowed. Contact with acids liberates very toxic gas.

Very toxic to aquatic organisms, may cause long-term effects in the aquatic environment.

CAS-No.: 26628-22-8 Content: < 0,1 %

**Additional information**

The reagents contain human serum which has been tested and confirmed negative for HBsAg and antibodies directed against HIV. Since no test method offers complete assurance that infectious agents are absent, these reagents should be treated as potentially infectious.

**3. Hazard information****Hazard description**

Xn Harmful

**Information concerning to particular hazards to man and environment**

R 22 Harmful if swallowed.

**Classification system**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

**4. First aid measures****General information**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

**After inhalation**

Supply fresh air; consult doctor in case of complaints.

**After skin contact**

Generally the product does not irritate the skin.

**After eye contact**

Rinse opened eye for several minutes under running water.

**After swallowing**

Call for a doctor immediately.

**5. Fire fighting measures****Suitable extinguishing agents**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Special protective equipment for fire fighting:**

No special measures required.

**6. Accidental release measure****Person-related safety precautions**

Not required.

**Measures for environmental protection**

Prevent seepage into sewage system, workpits and cellars. Do not allow to enter sewers/ surface or ground water.

**Measures for cleaning/collecting**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13.

**7. Handling and storage****Handling****Information for safe handling**

No special measures required

**Information about fire - and explosion protection**

No special measures required.

**Storage****Requirements to be met by storerooms and receptacles**

No special requirements.

**Information about storage in one common storage facility**

Not required.

**Further information about storage conditions**

None.

**Class according to regulation on flammable liquids**

Void

**8. Exposure controls and personal protection gear****Additional information about design of technical facilities**

No further data; see item 7.

**Ingredients with limit values that require monitoring at the workplace**

26628-22-8 sodium azide

MAK (Germany): 0,2 mg/m<sup>3</sup>

**Additional information**

The data valid during the making were used as basis.

**Personal protective equipment****General protective and hygienic measures**

Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.

**Respiratory protection**

Not required.

**Protection of hands**

Protective gloves.

**Eye protection**

Goggles recommended during refilling.

**9. Physical and chemical properties**

Form liquid

Colour colourless

Odour characteristic

Melting point not available

Boiling point not available

Ignition temperature not available

Self igniting: Product is not self igniting.

Flash point not available

Danger of Explosion Product does not present an explosion hazard.

Explosion limits lower not available, upper not available

Relative vapour density not available

Density ( 20 °C) 1.02 g/cm<sup>3</sup>

Solubility in water ( 20 °C) Fully miscible

**10. Stability and reactivity**

**Thermal decomposition / conditions to be avoided**

No decomposition if used according to specifications.

**Dangerous reactions**

No dangerous reactions known

**Dangerous decomposition products**

No dangerous decomposition products known

**11. Toxicological information**

**Acute toxicity**

**Primary irritant effect on the skin**

No irritant effect.

**Primary irritant effect on the eye**

No irritant effect.

**Sensitization**

No sensitizing effects known.

**Additional toxicological information**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

Harmful

**12. Ecological information**

**General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach sewage system.

### **13. Disposal considerations**

#### ***Product – Recommendation***

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

#### ***Uncleaned packaging – Recommendation***

Disposal must be made according to official regulations.

### **14. Transport information**

#### ***Land transport ADR/RID and GGVS/GGVE (Germany)***

ADR/RID class number and letter

GGVS/GGVE class number and letter

name of material

#### ***Maritime transport IMDG***

IMDG Class UN-No.:

Packaging group

Ems MFAG

Correct technical name

#### ***Air transport ICAO-TI and IATA-DGR***

ICAO/IATA Class UN/ID-No.:

Packaging group

Correct technical name

Not restricted under IATA Regulations – The goods are not dangerous and they are suitable for air transportation regulations

### **15. Regulations**

#### ***Labelling according to EC Directives***

The product has been classified and marked in accordance with EU Directives / Ordinance on hazardous Materials

#### ***Code letter and hazard designation of product***

Xn Harmful

#### ***Hazard-determining components of labelling***

sodium azide

#### ***Risk phrases***

22 Harmful if swallowed.

#### ***Safety phrases***

36 Wear suitable protective clothing.

#### ***National regulations***

#### ***Classification according to VbF***

Void

#### ***Waterhazard class***

Water hazard class 1 (Self-assessment): slightly hazardous for water.

### **16. Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship

#### ***Department issuing MSDS***

Quality control

Date of issue: 2<sup>nd</sup> January 2007