

## 1-Identification of the substance/preparation and of the company or firm

### 1.1 Identification of the substance or preparation

Virus Inactivation Medium

### 1.2 Use of the substance/preparation:

Virus Inactivation Medium

### 1.3 Identification of the company or firm:

DELTALAB, S.L.. Pol. Ind. La Llana, Plaza Verneda 1, (08191) Rubí (Barcelona) Spain.

Tel. (+34) 93 6995000

### 1.4 Emergency telephone:

Emergencies: Single telephone number for emergency calls: 112 (UE)

Intoxication: Instituto Nacional de Toxicología (Madrid) tel: (+34)915620420

## 2- Identification of dangers

### Classification of the substance or mixture

### Classification according to Regulation (EC) No 1272/2008

CAS n: 593-84-0 Guanidine Thiocyanate O. Content: 25-35 %. CAS n: 64-17-5

Ethanol denatured. Content: 15-25%. Anionic surfactants.

Content:<0.3 %. Reducing agents. Content: <0.3%

### Label elements

### Labelling according to Regulation (EC) No 1272/2008:

The product is classified and labelled according to the CLP regulation.

GHS07



Warning

GHS05



Corrosive

GHS02



Flamable

### Hazard pictograms



GHS07



GHS05



GHS02

### Hazard Statements

H302

Harmful if swallowed.

H314

Causes severe skin burns and eye damage.

H412

Harmful to aquatic life with long lasting effects.

H226

Flammable liquid and vapour.

### Precautionary statements

P260

Do not breathe dust/fume/gas/mist/vapours/spray.

P264

Washed with water thoroughly after handling.

P270

Do not eat, drink or smoke when using this product.

P273

Avoid release to the environment.

P280

Wear protective gloves / protective clothing / eye protection / face protection.

P210

Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P301+P310

P303+P361+P353

## 3- Component Composition/Information

Virus Inactivation Medium

#### 4- First aid

##### 4.1 General indications:

Show this safety data sheet to the doctor

##### 4.2 Inhaling:

Supply fresh air; consult doctor in case of complaints.

##### 4.3 Contact with the skin:

Remove immediately by washing with soap and plenty of water, detaching from footwear and all contaminated clothing. If symptoms persist check with your doctor.

##### 4.4 Eyes:

Rinse opened eye for several minutes under running water

##### 4.5 Swallowing:

If accidentally swallowed, see a doctor immediately. If symptoms persist consult doctor. Rinse your mouth with water. Do not induce vomiting. Do not take anything to drink or eat.

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

No further relevant information available.

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

No further relevant information available. In case of accident or discomfort, seek medical attention immediately.

#### 5- Fire-fighting means

##### 5.1 Suitable fire-extinguishing means:

Use extinguishing measures that are appropriate to the circumstances of the premises and its surroundings.

##### 5.2 Special risks:

Exposure to decomposition products can be dangerous to health.

Do not inhale the gases of explosion and combustion. Combustion produces dense smoke

##### 5.3 Protective equipment:

If necessary, wear self-contained breathing apparatus for fighting fire. Collect contaminated fire fighting water separately. This must not be discharged into drains. Move undamaged containers from immediate danger area if it can be done safely.

#### 6- Measures to be taken in the event of accidental spillage

##### 6.1 Individual precautions:

Use personal protective equipment (PPE)

##### 6.2 Precautions for care of the environment:

Do not allow to enter sewers/ surface or ground water.

##### 6.3 Methods for collection/cleaning:

Pick up mechanically. Store in appropriate and closed containers for your elimination

##### Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information

## 7- Handling and storage

### 7.1 Handling:

**Information about fire - and explosion protection:** Keep away from sources of ignition flame. No Smoking. Take steps to prevent the build-up of electrostatic discharge

**Conditions for safe storage, including any incompatibilities**

### 7.2 Storage:

see you the label of product.

**Requirements to be met by storerooms and receptacles:** Keep away from sources of ignition flame. No Smoking. Take steps to prevent the buildup of electrostatic discharge

**Information about storage in one common storage facility:** Stay away from acids

**Further information about storage conditions:** None.

**Specific end use(s):** Properly ventilated premises

## 8- Staff exposure/protection controls

### 8.1 Technical protective measures:

Control parameters

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

Ethanol. Cas Nº 64-17-5, Environmental limit-short duration exposure (VLA-EC).

Threshold limits: 1,000 ppm, 1,910 mg / m<sup>3</sup>

**Additional information:** For laboratory use only.

### 8.2 Exposure limits control:

Not Applicable.

### 8.3 Respiratory protection:

Does not apply

### 8.4 Hand protection:

Safety glasses conforming to EN166. Regulation (EU) 2016/425 and the standard EN 374 derived from this.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

**Material of gloves:** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material:** The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

### 8.5 Eye protection:

The use of protective glasses is recommended when transferring the product.

### 8.6 Individual hygiene measures:

Use suitable clothing. Wash hands before breaks and when the job is done.

### 8.7 Environmental exposure controls:

Fulfil the commitments under local environmental protection legislation.

The supplier of the protection equipment must specify the type of protection to be worn when handling the substance or preparation, including the type of material and the breakthrough time of the material, with regard to the amount and duration of exposure.

## 9- Physical and chemical properties

pH: 7.2 +-0.2

Colour: Light amber

Appearance: Fluid

Odour: Not available - Characteristic

Melting point: Not available

Boiling point: 78°C

Density: Not available

Solubility: Soluble in water

## 10- Stability and reactivity

### Reactivity

### Chemical stability

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**Possibility of hazardous reactions:** Stable under recommended storage conditions.

Keep away from oxidizing agents and acid products.

**Conditions to avoid:** No further relevant information available.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** No dangerous decomposition products known.

## 11- Toxicological information

### Information on toxicological effects

#### Acute toxicity:

**Primary irritant effect:** Acute ingestion toxicity, category 4, H302. Acute inhalation toxicity, Category 4, H332. Acute toxicity dermal, Category 4, H312.

**Skin corrosion/irritation:** Causes severe skin burns, category 1C, H314

**Serious eye damage/irritation:** Causes eye damage, category 1, H318

**Respiratory or skin sensitisation:** Prolonged or repeated exposure can cause allergic reactions in certain sensitive individuals.

#### Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

## 12- Environmental information

### Toxicity

**Aquatic toxicity:** Hazardous to the aquatic environment, category 3, H412.

**Persistence and degradability :** No further relevant information available.

**Bioaccumulative potential:** No further relevant information available.

**Mobility in soil :** No further relevant information available.

### Ecotoxicological effects:

**Remark:** No further relevant information available.

### Additional 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 ground water, water course or sewage system.

#### Results of PBT and vPvB assessment

**PBT:** Not applicable. **vPvB:** Not applicable.

**Other adverse effects:** No further relevant information available.

## 13- Considerations regarding elimination

### Waste treatment methods

**Recommendation:** Recover, if possible. Send to authorized disposal plants or for incineration under controlled conditions. Comply with current local and national regulations.

### Uncleaned packaging:

**Recommendation:** Disposal must be made according to official regulations.

## 14- Information concerning transport

Not classified as dangerous in the meaning of transport regulations.

Non-dangerous product due to the volume that is transported and the criteria of the transport regulations.

UN-Number : ADR, IMDG, IATA :	2920
UN proper shipping name : ADR :	CORROSIVE LIQUID, FLAMMABLE , CONTAINING (ETHANOL AND GUANIDINE THIOCYANATE)
IMDG,IATA :	8
Transport hazard class(es)	
ADR, IMDG, IATA :	CF1
Class:	3
Label :	
Packing group	
ADR, IMDG, IATA :	II
Environmental hazards:	
Marine pollutant:	No
Special precautions for user :	Not applicable
Danger code (Kemler):	
EMS Number:	Not applicable
Transport in bulk according to Annex II of Marpol and the IBC Code :	Not applicable.
Transport/Additional information:	
Limited quantities (LQ):	-
Transport category:	-
Tunnel restriction code:	-
UN "Model Regulation":	-

### 15- Mandatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

**Directive 2012/18/EU**

**Named dangerous substances - ANNEX I :** None of the ingredients is listed.

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16- Other information

The information included in this Safety Data Sheet is based on our most up-to-date knowledge, and is solely intended to inform regarding aspects of safety; the properties and characteristics indicated herein are not guaranteed.