

## Safety Data Sheet

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Name	Tolu balsam absolute 10.0% alc
Article Number	B-025
Applications	Diagnosis of contact allergy.
Manufacturer	Chemotechnique MB Diagnostics AB Modemgatan 9 SE-235 39 Vellinge <a href="mailto:lab@chemotechnique.se">lab@chemotechnique.se</a>
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### 2. HAZARD IDENTIFICATION

#### Health hazards

The objective of applying a hapten on the patient's skin is the diagnosis of contact allergy. Localized dermal allergic reaction may occur at test site.

#### Signs and symptom of exposure

Dermal irritation.

#### Medical conditions aggravated by exposure

Dermatitis.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Classification according to (EC) No. 1272/2008 [EU-GHS/CLP]

Component	CAS-No.	Content	Classification
Ethanol Absolute 99.5%	64-17-5	90.0%	Flamm. liquids 2; H225
Tolu balsam absolute	9000-64-0	10.0%	Skin sensit. 1; H317

#### Classification according to EU Directive 67/548/EEC and 1999/45/EC

Component	CAS-No.	Content	Classification
Ethanol Absolute 99.5%	64-17-5	90.0%	F; R11
Tolu balsam absolute	9000-64-0	10.0%	Xi; R43

### 4. FIRST AID MEASURES

## **Emergency and first aid procedures**

Obtain medical attention.

## **5. FIRE-FIGHTING MEASURES\***

### **Suitable extinguish media**

Water spray, foam, dry powder or CO2 powder

### **Fire- and explosion risks**

Very flammable. Vapors can form explosive mixtures with air. The vapors are heavier than air and can spread along the ground.

### **Fire extinguishing methods**

Containers in the vicinity of the fire should be moved or cooled down with water. Wear self-contained respiratory protected device and fully protected suit at fire-fighting.

\*Data is shown for Ethanol Absolute only

## **6. ACCIDENTAL RELEASES MEASURES**

### **Steps to be taken if material is released or spilled**

Contain and place in a closed container.

## **7. HANDLING AND STORAGE**

### **Precautions to be taken in handling and storage**

Store dark at 5-8°C. Avoid extended exposure to light. Store in a well-sealed container. FOR EXTERNAL USE ONLY.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Respiratory protection**

Not required.

### **Ventilation**

Local exhaust.

### **Protective gloves**

Disposal gloves.

### **Eye protection**

Not required with normal use.

### **Work/Hygienic practices**

Wash hands after each use.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Brown Liquid
Odour	Fragrance

Relative density*	0.79 g/cm <sup>3</sup>
Boiling point*	78.5°C

Flash point*	>12°C
Explosion limit*	3.5-15 (vol-%)
Vapour pressure*	5.9 kPa

\*Data is shown for Ethanol Absolute only

## 10. STABILITY AND REACTIVITY

### Incompability

May react with strong oxidizing agents.

### Stability

Stable at recommended storage conditions.

### Hazardous byproducts

Combustion may generate CO, CO<sub>2</sub> and other oxides.

### Hazardous polymerization

Will not occur.

## 11. TOXICOLOGICAL INFORMATION

No data available.

## 12. ECOLOGICAL INFORMATION

No data available.

## 13. DISPOSAL CONSIDERATIONS

### Waste disposal method

Comply with federal, state/provincial and local regulation.

## 14. TRANSPORT INFORMATION

Not dangerous goods.

## 15. REGULATORY INFORMATION

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

## 16. OTHER INFORMATION

### Text of H-statements and R-phrases mentioned in Section 3

Flamm. liquids 2  
Skin sensit. 1  
H225  
H317  
F  
Xi

Flammable liquids (Category 2)  
Skin sensitization (Category 1)  
Highly flammable liquid and vapour  
May cause an allergic skin reaction.  
Flammable  
Irritant

R11  
R43

Highly flammable  
May cause sensitization by skin contact.

Pharmaceutical quality of tested hapten is confirmed by Chemotechnique Diagnostics according to validated analytical methods. Hapten passed test according to GMP standards.

Chemotechnique Diagnostics makes no representation as to the comprehensiveness or correctness of the information provided. It is intended only as a guide to a properly trained individual in the appropriate handling of the material.