



Humco Holding Group, Inc.  
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24-Hour Emergency Number (CHEMTREC)  
USA- 800-424-9300  
International – 703-527-3887

All non-emergency calls should be directed to  
Customer Service at 800-662-3435

**NAME: BENZOIN COMPOUND TINCTURE, USP** **SDS NO. 0243**

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Benzoin Compound Tincture, USP

**Synonyms:** Benzoin Tincture

**Recommended Use:** Oral mucosal protectant, wound dressing

**Manufacturer by:** Humco Holding Group, Inc.

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### 2. HAZARD IDENTIFICATION

<b>Pictogram:</b>	
<b>Classification:</b>	Flammable liquid category 3
<b>Signal Word:</b>	Danger, Health Hazard
<b>Hazard Statements:</b>	Flammable liquid and vapor. May be skin and eye irritant, harmful if swallowed

### 3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
ALCOHOL	64-17-5
BENZOIN	91845-21-5
STORAX	8046-19-3

TOLU BALSAM	9000-64-0
ALOE	Not Available

The exact percentage has been withheld as a trade secret

#### 4. FIRST-AID MEASURES

ROUTE	COMMON SYMPTOMS	FIRST AID
<b>Inhalation</b>	Over exposure to vapors may cause irritation to the nose, throat, and respiratory tract. Headache and drowsiness may occur.	Remove source of contamination or move victim to fresh air. If affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
<b>Ingestion</b>	Vomiting, Nausea, diarrhea, drowsiness, narcosis	Considered to be toxic (Ethyl Alcohol). Do NOT induce vomiting unless directed to so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing. Call Poison Control Center. Get medical attention or advice immediately.
<b>Skin</b>	May cause dermal irritation	If irritation occurs, wash with disinfectant soap and water. Wash clothing before reuse. If irritation persists, get medical attention.
<b>Eyes</b>	Irritation	Immediately flush eyes with water for at least 15 minutes while holding eyelids open. Consult a physician.

#### 5. FIRE-FIGHTING MEASURES

<b>Flash Point:</b>	64.4 °F (Open Cup)
<b>Auto Ignition:</b>	The lowest know value is 685.4 °F (Ethyl alcohol 200 proof)
<b>Extinguishing Media:</b>	Use methods appropriate for the surrounding fire. Consider water spray or fog, carbon dioxide, dry chemical powder, or alcohol resistant foam.
<b>Products of Combustion:</b>	Upon combustion this product, it may emit carbon dioxide and carbon monoxide.
<b>Fire Fighting Equipment and Procedures:</b>	Wear protective clothing and equipment suitable for the surrounding fire, including helmet, facemask, and self-contained breathing apparatus. LARGE FIRE: Use alcohol foam, water spray or fog. Cool containing vessels with water get in order to prevent pressure build-up, auto-ignition or explosion.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Read entire label before using and follow all label directions.
<b>Environmental Precautions:</b>	Prevent discharge to open waters.
<b>Method of Containment:</b>	Absorb spilled liquids in suitable inert material such as clay, vermiculite or diatomaceous earth.
<b>Method for Clean-Up:</b>	Ventilate area of spill or leak. Mop up and containerize in approved chemical waste container. Wash spill area with water.

## 7. HANDLING AND STORAGE

<b>Handling:</b>	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Stay away from ignition source. Do not take internally. Do not consume food, drink or smoke while handling this product. Keep away from oxidizing agents.
<b>Storage:</b>	Keep container tightly closed and in a dry, cool, and well ventilated place. Opened containers must be resealed and kept upright to prevent leakage. Keep away from all ignition source (sparks or flame).

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>Engineering Controls:</b>	Handle as per good industrial hygiene and safety practice. Use explosion proof ventilations as required to control vapor concentration. Ensure that eyewash station and safety showers are in adequate location.
<b>Personal Protective Equipment (PPE)</b>	
<b>Eye/Face Protection:</b>	Use appropriate face shield and approved splash goggles.
<b>Skin Protection:</b>	Handle with approved gloves. Impervious clothing, flame retardant antistatic protective clothing is recommended to protect from body contact.
<b>Respiratory Protection</b>	Use either an atmosphere supplying respirator or an air purifying respirator for organic vapors. If permissible exposure level is exceeded, use NIOSH approved respirator.
<b>General Hygiene Considerations:</b>	Wash hands after use. Eye wash fountains and safety showers are generally required for emergency use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Dark brown liquid	<b>Upper/Lower Flammability:</b>	Not determined
<b>Odor:</b>	Characteristic odor	<b>Vapor Pressure (mmHg)</b>	Not determined
<b>Odor Threshold:</b>	Not determined	<b>Vapor Density (air = 1)</b>	Not determined
<b>pH:</b>	Not determined	<b>Relative Density (H<sub>2</sub>O=1):</b>	0.88 @ 25°C
<b>Melting point /Freezing Point:</b>	Not determined	<b>Solubility (in water):</b>	insoluble
<b>Boiling point/range:</b>	Not determined	<b>Partition coefficient: n-octanol/water:</b>	Not determined
<b>Flash point</b>	64.4 °F	<b>Auto-ignition temperature</b>	The lowest know value is 685.4 °F (Ethyl alcohol 200 proof)
<b>Evaporation rate</b>	Not determined	<b>Decomposition Temperature:</b>	Not determined
<b>Flammability:</b>	Flammable	<b>Viscosity</b>	Not determined

## 10. STABILITY AND RACTIVITY

<b>Reactivity:</b>	Not reactive but may react with strong oxidizing agents.
<b>Chemical Stability:</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous reactions:</b>	Not determined.
<b>Conditions to Avoid:</b>	Heat, sparks, open flame.
<b>Incompatible materials:</b>	Oxidizing agents, slightly reactive to acids, alkalis.
<b>Hazardous Decomposition Products:</b>	Carbon oxides (CO, CO <sub>2</sub> )

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity:</b>	Humans: May be irritant in case of skin contact, of ingestion, of inhalation. May affect central nervous system (CNS).
<b>Skin irritation:</b>	Slightly irritates to the skin.
<b>Eye contact damage:</b>	Moderately irritating to the eyes.
<b>Respiratory damage:</b>	May cause irritation to respiratory tract.
<b>Ingestion overdose:</b>	May affect central nervous system (restlessness, excitement, drowsiness, weakness, headache, unconscious etc.), may affect metabolism, blood, gastro system, liver. May affect urinary and cardiovascular systems.
<b>Delayed, immediate, or chronic effects from short- and long-term exposure</b>	Prolonged exposure may cause drying, defatting, and irritation. Chronic exposure by ingestion may cause damage in liver.

<b>LD50</b>	3450 mg/kg mouse; 7060 mg/kg rat – Ethyl alcohol
<b>Symptoms associated with exposure:</b>	May cause skin and eye irritation.
<b>Carcinogenicity:</b>	
<b>OSHA:</b>	Not listed
<b>NTP:</b>	Not listed
<b>IARC:</b>	Not listed

## 12. ECOLOGICAL INFORMATION

<b>Acute or chronic aquatic toxicity:</b>	Not determined.
<b>Chemical degradation:</b>	Not determined.
<b>Biodegradation:</b>	Not determined.
<b>Bioaccumulation potential</b>	Not determined.
<b>Adsorption studies or leaching studies:</b>	Not determined.
<b>Other adverse effects</b>	Not determined.

## 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with federal, state and local laws and regulations. Avoid release into environment.

## 14. TRANSPORT INFORMATION

<b>DOT Hazard Classification:</b>	Tinctures, Medicinal Flammable
<b>UN number:</b>	1293
<b>UN proper shipping name:</b>	Not available
<b>Transport hazard class(es):</b>	Not available
<b>Packing group number:</b>	II
<b>Environmental hazards:</b>	Not applicable
<b>Special precautions:</b>	Keep away from heat, sparks, and ignition sources.

## 15. REGULATORY INFORMATION

Not determined

## 16. OTHER INFORMATION

The information in this SDS is considered current and reliable. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal are beyond Humco's control, it is the

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