


1. Identification of the substance/ preparation and of the company undertaking

- **Product details**
- **Trade name : BOSWELLIA SERRATA EXTRACT**
CAS# 089957-98-2
- **Application of the substance / the preparation:** Raw Material for Pharmaceuticals
- **Supplier:**



32 Haviland Street, Norwalk CT 06854
203-299-3220 | 203-299-1355 fax | www.charkit.com
- **Further information obtainable from :** Product safety department
- **Information in case of Emergency :**
Call CHEMTREC (USA) 800-424-9300, (INTL) +1 703-527-3887

2. Composition/information on ingredients

- **Chemical Characterization**
- **Description : BOSWELLIA SERRATA EXTRACT**

- **Dangerous components :**

N.A.

3. Hazards Identification

HazardsDescription: May be an irritant; may cause irritation to eyes, skin, mucous membranes
Information pertaining to particular dangers for man and environment: HMIS Ratings: Health = 1
Flammability= 0 Reactivity = 0

Safety Data Sheet
According to 91/155 EEC

Reviewed on 01.01.2011

Trade name : BOSWELLIA SERRATA EXTRACT

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 and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.

5. Fire fighting measures

- **Suitable extinguishing agents:** CO₂, sand, extinguishing powder, water.
- **For safety reasons unsuitable extinguishing agents:** NA
- **Protective equipment:** Mouth respiratory protective device.

6. Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environment protection:**
Do not allow product to reach sewage system or any watercourse.
Inform respective authorize in case of seepage into water course or sewage system.
Do not allow to enter sewers / surface or ground water.
- **Measures for cleaning/ collecting:**
Collect the spilled material in most convenient and safe manner and deposit in sealed container.
Ventilate and wash the area after clean up is complete
Ensure adequate ventilation.

Safety Data Sheet
According to 91/155 EEC

Reviewed on 01.01.2011

Trade name : BOSWELLIA SERRATA EXTRACT

7. Handling & Storage

- **Handling:**
- **Information for safe handling :**
Ensure good ventilation exhaustion at the workplace.
- **Information about fire-and explosion protection:**
Keep ignition sources away- does not smoke.
- **Storage:**
- **Requirements to be met by storeroom and receptacles:** store in a place protected from light
- **Information about storage in one common storage facility:** Away from oxidizing and reducing agents
- **Further information about storage conditions:** keep container tightly sealed.

8. Exposure controls/personal protection

- **Personal protective equipment:**
Wear appropriate personal protective equipment's and clothing including lab coat, safety goggles, gloves and NIOSH approved respirator. A qualified industrial hygienist should evaluate the need for respiratory protection. Use respiratory protection approved by NIOSH (or equivalent) and appropriate to the hazard. Avoid contact of material with skin or eyes. Mechanical ventilation or local exhaust as needed to control exposure to dust, vapors or mists. Access to a safety shower and eyewash.
- **General protective and hygienic measures:**
Keep away from foodstuffs' beverage and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before break and at the end of work.
Avoid contact with the eyes and skin
- **Respiratory protection :**
In case of brief exposure or low pollution use respiratory filter device, in case of intensive or longer exposure use self-contained respiratory protective device.

Safety Data Sheet
According to 91/155 EEC

Reviewed on 01.01.2011

Trade name : BOSWELLIA SERRATA EXTRACT

- **Protection of hands:**

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

Due to missing test 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, rules 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.

- **Eye protection :**

Use tight goggles

Safety Data Sheet
According to 91/155 EEC

Reviewed on 01.01.2011

Trade name: BOSWELLIA SERRATA EXTRACT

9. Physical & chemical Properties

• General Information :	
Form :	Powder
Colour:	Off white to Cream Color
Odour:	Characteristic
• Change in condition:	
Melting point / Melting range:	NA
Boiling point / Boiling range:	NA
• Flash point:	NA
• Ignition temperature:	NA
• Self-igniting :	NA
• Danger of Explosion :	NA
• Explosion limits:	
Lower:	NA
Upper:	NA
• Vapour Pressure at 20⁰C:	NA
• Density at 20⁰C:	NA
• Solubility in / Miscibility	Insoluble in Water
With water:	

10. Stability and reactivity

- Stability :** Stable
 - Incompatibility :** May be incompatible with oxidizing agents (per chlorates, peroxides, nitrates) and reducing agents.
- Thermal decomposition / conditions to be avoided:** No Decomposition if used according to specification. Protect from light , oxidizing agents, reducing agents.
 - Dangerous reaction :** No dangerous reaction known
 - Dangerous decomposition products:** Decomposition at high temperature may produce some poisonous gases.

Safety Data Sheet
According to 91/155 EEC

Reviewed on 01.01.2011

Trade name: BOSWELLIA SERRATA EXTRACT

11. Toxicological Information

- **Acute toxicity:** NA
- **Primary Irritant effect:** NA
- **On the skin:** May be irritant to skin and mucous membrane.
- **on the eye:** Irritating effect.
- **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.

12. Ecological Information

- **Ecotoxicological effects:**
- **Remark :** N.A.
- **General Notes :**
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into ground.

13. Disposal Consideration

- **Product:**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Un cleaned Packaging:**
Recommendation: Disposal must be made according to official regulations.

Safety Data Sheet
According to 91/155 EEC

Reviewed on 01.01.2011

Trade name: BOSWELLIA SERRATA EXTRACT

14. Transport Information

DOT:

Proper shipping name : **BOSWELLIA SERRATA EXTRACT**

Non-Hazardous for transport: this substance is considered to be non-hazardous for transport

IATA class

Proper shipping name : **BOSWELLIA SERRATA EXTRACT**

Non-Hazardous for transport: this substance is considered to be non-hazardous for transport

- **Description of Goods: BOSWELLIA SERRATA EXTRACT**

Safety Data Sheet
According to 91/155 EEC

Reviewed on 01.01.2011

Trade name: BOSWELLIA SERRATA EXTRACT

15. Regulatory Information

- **RCRA -Hazardous waste :** U200
- **SARA 313** – This material is not reportable under section 313.
- **EPA TSCA Section 8(b) :** Chemical Inventory`
- **Exposure limits:** Not Established
- **Risk & Safety phrase:**

R: 20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
S:53	Avoid Exposure –obtain special instruction before use
S:22	Do not breathe dust
S:36/37/39	Wear suitable protective clothing, gloves and eyes/face protection.

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.

- **Relevant R-phrases**
- 20 Harmful by inhalation
- 36 Irritating to eyes.
- 36/37 Irritating to eyes and respiratory system.
- 36/38 Irritating to eyes and skin.
- 43 May cause sensitization.

801013

Date of SDS: January 1, 2011

This information is believed to be accurate and is intended for general guidance. It should not be construed as a guarantee of its suitability for a particular application. Charkit Chemical Company, LLC. offers no warranties either expressed or implied, nor is freedom from any patent owned by Charkit Chemical Company, LLC. or others implied; neither is liability accepted for errors or omissions in the information. Typical properties of products are given for guidance only and do not necessarily represent manufacturing specifications.