

MATERIAL SAFETY DATA SHEET
ACCORDING TO EC LEGISLATION 91/155/E EC

Date created: July2005

Date revised: July 2005

1. Identification:

Commercial name: *Boswellia Extract*
Botanical Nomenclature: *Boswellia serrata*
INCI name: *boswellia serrata*
CAS number: n/a
EINECS CAS number: n/a
EEC Number: *Not available*

2. Composition:

Main components: Boswellic acids
Additives (e.g. carriers, preservatives, antioxidants): *Nil.*

3. Potential Health Hazards:

Inhalation: *may cause some irritation.*
Skin: *may cause some irritation*
Eyes: *may cause irritation.*
Ingestion: *may cause some irritation..*

4. First aid:

Inhalation: *If discomfort is felt, remove person to a well ventilated area with plenty of fresh air. Seek medical attention.*
Skin: *Remove contaminated clothing. Wash affected area with plenty of soap and water. If irritation develops or persists seek medical attention.*
Eyes: *Flush immediately with plenty of cool water for 10 to 20 minutes. Seek medical advice from a Medical Doctor if irritation develops or persists.*
Ingestion: *Do not induce vomiting unless directed by a medical personnel. Seek medical attention.*

5. In case of fire:

Extinguishing Media: *Foam, Carbon dioxide, water spray*
Do not use: *Water jet*
Special precautions: *Wear breathing apparatus as toxic vapours may be released during fire.*

6. Spill and Leak Procedure:

Individual precautions: *Eliminate sources of ignition. Keep area well ventilated and isolate the spill.*
Environmental protection: *Prevent the liquid from entering the drains and sewers.*
Cleaning methods: *Soak up the spill using inert absorbents. For large spills use pumps.*

7. Handling and storage:

Store in a cool and dark place in suitablesealed containers
Handle in a well ventilated area.
Keep away from sources of heat and ignition.

8. Personal Protection / Exposure control:

Respiratory protection: *Wear breathing apparatus when working in an area of high concentration or where the powder may spread in the air..*
Skin protection: *Use protective gloves. Wear protective clothing when possibility exists of contact.*
Eye protection: *Goggles should be worn.*

General precautions: *Use good industrial hygiene practise.*

9. Physiochemical properties:

Appearance:	<i>Cream to light brown colour dry powder</i>
Odour:	<i>Characteristic</i>
pH:	<i>Not available</i>
Boiling point:	<i>Not available</i>
Flash point:	<i>Not available</i>
Autoignition Temperature:	<i>Not available</i>
Explosion Limits:	<i>Not available</i>
Vapour pressure (25°C):	<i>Not available</i>
Vapour Density:	<i>Not available</i>
Specific Gravity (20°C):	<i>Not available</i>
Optical Rotation (20°C):	<i>Not available</i>
Refractive Index (20°C):	<i>Not available</i>
Solubility in water (20°):	<i>partially soluble</i>
Partition Coefficient log P o/w:	<i>Not available</i>
Evaporation rate:	<i><1 (Butyl Acetate=1)</i>

10. Stability and Reactivity:

Chemical Stability: *Stable.*

Conditions to avoid: *Normally stable. Not reactive with water. Strong oxidants.*

Hazardous Decomposition Products: *Carbon monoxide, carbon dioxide*

11. Toxicological Information:

According to RIFM- Monograph:

Acute Toxicity: *Oral LD₅₀: g/kg in rats. Not available*

Dermal LD₅₀: g/kg in rabbits. Not available

Irritation: *Not available*

Sensitisation: *Not available*

Phototoxicity: *Not available.*

12. Ecotoxicological information:

Fish Toxicity: LCO/EC₅₀: *Not available.*

Bacteriotocity: ECO/EC₅₀: *Not available.*

13. Disposal Method:

Check Federal, State and Local Regulations.

14. Transport Information:

Non-hazardous material transport in suitable containers.

15. Regulatory Information:

No information well.

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FOR AND ON BEHALF OF PHOENIX NATURAL PRODUCTS:

J.S. CHANA..... (MANAGING DIRECTOR)

DATE:.....