



# Bee Beautiful

## Crystal Organic Oils Soap Base

### Material Safety Data Sheet

**Product Name**

Crystal Organic Oils Soap Base

**Supplier**

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**Composition/Ingredients Information**

**Definition:** Formulated soap base where 100% of the oils used are certified organic.

**IFRA:** Not restricted.

**Application:** Cosmetic soaps.

**INCI:** Glycerine, aqua, sodium palmate, sorbitol, sodium cocoate, palm fatty acid, coconut fatty acid, pentasodium pentetate, tetrasodium etidronate.

**Hazard Identification**

Concentrated product. Do not ingest. Observe good housekeeping procedures.

**First Aid Measures**

**Inhalation:** No risk.

**Eye contact:** Flush immediately with plenty of cold water until condition subsides.

**Skin contact:** No risk to usual skin types. Flush with plenty of water if irritation occurs.

**Ingestion:** Rinse mouth out with water. Not toxic – no significant risk.

**Other:** When assessing action take Risk and Safety Phrases into account.



# **Bee Beautiful**

## **Crystal Organic Oils Soap Base**

### **Fire-Fighting Measures**

**Extinguishing media:** Use CO<sub>2</sub> , dry powder or foam type extinguishers, spraying xtinguishing media to base of flames. Do not use direct water jet on burning material.

**Special measures:** None required in normal use conditions.

**Extinguishing procedures:** Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

### **Accidental Release Measures**

**Personal precautions:** No risks posed in general contact.

**Environment precautions:** Keep away from drains, soils, surface and groundwaters.

**Cleaning up methods:** Remove all potential ignition sources. Contain spilled material. Allow to cool if liquid until solidification occurs. Scrape from surfaces with blunt blade and sweep up and remove to an approved disposal container. Observe state, federal and local disposal regulations. Residues may be removed with water to final clean up.

### **Handling and Storage**

**Precautions in handling:** Apply good manufacturing practice and industrial hygiene practices. No special risks or precautions generally required. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.

**Storage conditions:** Store in tightly closed original container in a cool, dry and ventilated area away from heat sources and protected from light. Keep air contact to a minimum.

**Fire protection:** Keep away from ignition sources and naked flames.

### **Exposure Controls / Personal Protection**

**Respiratory protection:** No risk. In extreme cases remove to fresh air.

**Ventilation:** Ensure good ventilation of working area.

**Hand protection:** Use chemically resistant gloves if required for prolonged contact.

**Eye protection:** Use safety glasses.

**Work/hygiene practices:** Wash hands with water after handling.



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## **Crystal Organic Oils Soap Base**

### **Physical and Chemical Properties**

**Colour:** Opaque.

**Appearance:** Solid at ambient. Liquid when heated.

**Odour:** Neutral base has slight odour.

**Flash Point o deg. C:** N/a

**Specific gravity @ 20 deg. C:** N/a

**Refractive index@ 20 deg. C:** N/a

**Solubility:** Freely soluble in water.

**Flammability:** Not flammable.

**Water content:** 22-30%

**FFA:** 0.7-1.1%

### **Microbiology Specification**

TVC: <1000FU/GM

Gram Negative Organisms: absent in 1GM.

### **Stability/Reactivity**

**Reactivity:** It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.

**Decomposition:** Liable to cause smoke and acrid fumes during combustion. No major hazards known in decomposition.

### **Toxicological Information**

Not considered a hazardous substance. NOT TESTED ON ANIMALS but thought to be Acute Oral LD50rat>5000mg/kg based on similar product type.

### **Ecological Information**

**Biodegradability:** Thought to be readily biodegradable (OECD 301B) based on tests on similar products.



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## Crystal Organic Oils Soap Base

**Precautions:** Prevent surface contamination of soil, ground and surface water.

### Disposal Consideration

Avoid excessive disposal to drainage systems and into the environment. Seek expert advice. Observe specific local regulations.

### Transport Information

Road (ADR/RID): n/a

Air (IATA): n/a

SEA(IMDG) n/a

CHIP: see next section

**Regulatory Information** according to Directive 88/379/EEC

**Hazards:** N/a

**Symbols:** N/a

**Risk phrases:** N/a

**Safety phrases:** N/a

### Other Information

Cosmetics Directive 7th Amendment: not restricted.

### Packaging

Type	Suitability
Glass	Yes
Lacquer lined steel/tin	No
Aluminum	Yes
HPPE	Yes
F/HDPE	Yes
Other plastic/fims	Yes

### Shelf Life

When stored within advised conditions, re-test after 12 months then every 3 months up to a maximum shelf life of 24 months.

### Q.C. Requirements

In line with general product specification. Always satisfy suitability for specific application.



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## **Crystal Organic Oils Soap Base**

This information relates only to the specific product designated and may not be valid for such product used in combination with any other materials or processes. Such information is, to the best of our knowledge and belief, accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for their own particular use.