



CRYSTAL NATURAL SOAP BASE  
Material Safety Data Sheet

**Product Name**

Crystal Natural Soap Base (CRYSTAL NATURAL)

**Supplier**

Just a Soap  
South East Lodge  
Rede Road  
Whepstead  
Bury St Edmunds  
IP29 4ST  
01284 735043

**Composition/Ingredients Information**

Definition: formulated soap base.

IFRA: not restricted.

Application: cosmetic soaps.

INCI: Glycerine, aqua, sodium stearate, sodium oleate, sorbitol, sodium laurate, sodium myristate, stearic acid, lauric acid, pentasodium pentetate, tetrasodium etidronate.

**Hazards 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.

**Fire Fighting Measures**

Extinguishing media: use CO<sub>2</sub>, dry powder or foam type extinguishers, spraying extinguishing 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

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container. Observe state, federal and local disposal regulations. Residues may be removed with water to final clean up.

#### Handling & 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.

#### Physical & Chemical Properties

Colour: opaque.

Appearance: solid at ambient. Liquid when heated.

Odour: neutral base has slight odour.

Flash Point °C: n/a

Specific gravity @ 20°C: n/a

Refractive index @ 20°C: n/a

Solubility: freely soluble in water.

Flammability: not flammable.

Water content: 22-30%

FFA: 0.7-1.1%

#### Microbiological Specification

TVC: <100CFU/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.

Precautions: prevent surface contamination of soil, ground and surface water.

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**Disposal Considerations**

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

**Transport Regulations**

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 7<sup>th</sup> Amendment: not restricted.

**Packaging**

Type	Suitability
Glass	Yes
Lacquer lined steel/tin	No
Aluminium	Yes
HPPE	Yes
F/HDPE	Yes
Other plastic/films	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.

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 Just A Soap's 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.

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