



## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : Crystal Glycerin Melt and Pour Soap Base  
Product Code :  
Address : D-1-46, Block Dahlia, 10 Boulevard,  
PJU6A, SPRINT HIGHWAY,  
Petaling Jaya, Selangor, Malaysia.

### 2. PRODUCT INFORMATION

Description : Blend of neutralized Vegetable Fatty Acids  
Content : Alcohol = N/A  
Sodium Soap = >50%  
Aqua (Water) = 5-25%  
Propylene Glycol = 5-25%  
Sucrose = 5-25%  
Glycerin = 5-25%  
Sorbitol = 5-25%  
Sodium Chloride = 0.005-0.015%  
Sodium Laureth Sulphate = 5-25%  
Sodium Lauryl Sulphate = 1-5%  
Sodium Citrate = <1%  
Classification : Single product

### 3. PHYSICAL PROPERTIES

Appearance : Solid at 20 °C  
Melting Point : 50 - 60 °C  
Boiling Point : Not applicable  
Solubility in Water : Miscible  
pH : 7.5 – 8.5 (neat at 25 °C);  
9.0 – 10.5 (1% in water at 25 °C)

### 4. FIRE & EXPLOSION HAZARDS DATA

Flash Point : Not applicable  
Flammable limits : Not applicable  
Flammability (solid/gas) : Not flammable

### 5. STABILITY AND REACTIVITY

Stability & Reactivity	:	Stable under normal temperatures and pressures.
Conditions & Material to avoid	:	Acids and strong oxidizing agents. Avoid from overheating the product.
Hazardous decomposition products	:	Overheated product may boil or splatter. Carbon monoxide, carbon dioxide, sodium oxide, and sodium sulphate.

## 6. CLASSIFICATION OF RISK AND HARMFULNESS

Not relevant

## 7. FIRST AID

Inhalation	:	Expose patient to fresh air.
Skin	:	Wash off residual soap with water after skin contact. Wash contaminated clothes before reusing. If irritation prolog, seek medical attention.
Eye	:	Rinse immediately and as long as possible with plenty of water. Eyelids should be held away from the eyeball to ensure thorough rinsing.
Ingestion	:	Drink water or milk to dilute. Do not induce vomiting because of risk of aspiration. Seek medical advice.

## 8. ACTIONS IN FIRE

Fire extinguishing media	:	Foam, carbon dioxide or dry powder, water hose.
Unsuitable extinguishing media	:	Not applicable.
Special protective equipment	:	Protective clothing and self contained breathing equipment.

## 9. ACTIONS IN LEAKAGE

Shove into labeled drums for disposal at approved sites. Absorb liquid spillage onto sand. Small spillages may be washed away with water.

## 10. CAUTION IN TREATMENT AND STORAGE

Personal Precautions	:	Avoid contact with eyes. Do not breath in the vapour.
Environment Precautions	:	Do not allow to enter watercourses.
Storage Precautions	:	You should keep it away from heat or avoid a direct ray of light. Keep it in the place without leakage and high humidity.

## 11. ACTIONS FOR EXPOSURE PROTECTION (PROTECTIVE EQUIPMENT)

Exposure Limit Value	:	Not applicable (MEL/OES, EH40UK)
Hand Protection	:	Wear suitable gloves.
Eye Protection	:	Wear safety glasses.
Skin and body Protection	:	Wear appropriate clothing, slip proof shoes.
Environment Protection	:	Do not allow to enter watercourses.

## 12. TOXICOLOGICAL INFORMATIONS

Inhalation	:	Not applicable
Ingestion	:	May cause vomiting if large quantities are ingested.
Skin contact	:	Prolonged contact may cause irritation.
Eye contact	:	Prolonged contact may cause irritation.

## 13. ENVIRONMENT EFFECT

Ecotoxicity	:	May affect the pH of aquatic systems.
Persistence and Degradability	:	Readily biodegradable.

## 14. CAUTION IN DISPOSAL

The waste is recyclable and it is recommended.  
The waste shall be disposed according to the local and national regulations.  
Consult the relevant authority for waste disposal guidelines.

## 15. CAUTION IN TRANSPORTATION

The package should not be torn, and get wet.  
The product shall not be kept in temperature of more than 70 °C.

## 16. ENFORCEMENT REGULATIONS

Not applicable.  
This product is not classified as hazardous for supply/use.

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