



# SINO-JAPAN CHEMICAL CO., LTD.

Head office : 14Fl., 99, Sec 2, Jen Ai Road, Taipei, Taiwan, R.O.C. Tel : (886)-2-23966223 Fax : (886)-2-23414628

Factory : No. 6, Shih Hwa 4th Road, Lin-Yuan, Kaohsiung Hsien Taiwan

## Safety Data Sheet (SDS)

Revision Date: March 28, 2016

### 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

**Trade Name** : Sinopol 1109  
**Recommended Use** : Nonionic Surfactant, Emulsifier, Detergent  
**Manufacturer** : Sino-Japan Chemical Co., Ltd.  
14Fl., No. 99, Jen Ai Road, Taipei, Taiwan, R.O.C.  
Tel : (886)-2-23966223 Fax : (886)-2-23414628  
**Emergency Telephone Number** : Tel : (886)-2-23966223

### 2. HAZARDS IDENTIFICATION

**Classification of the Substance** : Acute toxicity-Oral(Category 5)  
**Hazard Pictogram** : —  
**Signal Word** : Warning  
**Hazard Statements** : H303:May be harmful if swallowed  
**Precautionary Statements** : P312:Call a POISON CENTER or doctor if you feel unwell.

### 3. COMPOSITION / DATA ON COMPONENTS

**Chemical Composition** : Polyoxyethylene Lauryl Ether  
CAS No. : 9002-92-0

**Ingredient** : >99%

### 4. FIRST AID MEASURES

**Inhalation** : Remove from exposure or move to well-ventilated area.  
**Ingestion** : If the victim is unconscious or spasm, do not feed any food. Induce vomiting.  
If the patient is conscious, give them water and seek medical advice.  
**Skin** : Immediately wash skin with running warm water for 20 minutes.  
Remove contaminated clothing, shoes and leather accessories.  
**Eyes** : Lift eyelids and flush eye with running warm water for 15 minutes. Obtain medical attention.



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### 5. FIRE-FIGHTING MEASURES

- Fire Extinguishing Media** : Small fires-foam, dry chemical, carbon dioxide and water spray.  
Large fires- water fog, fine water spray or foam.
- Hazards Arising from Chemical** : Flame might be invisible in daylight.
- Special Procedure** : On burning, fire fighter should wear self-contained breathing apparatus if risk of exposure to product of combustion.

### 6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions** : Check clean-up work by trained personnel  
Wear protective equipment.
- Environmental Precautions** : Move containers away from the fire.  
Prevent run off into drains and waterways.
- Methods for Containment Cleanup** : Use soil, sand and other non-flammable absorbent material.

### 7. HANDLING AND STORAGE

- Handling** : Disposal in a well-ventilated place.  
Keep containers securely sealed.
- Storage** : Store away from heat. Store in a cool, dry and well-ventilated area.  
Check regularly for leaks.  
Protect containers against physical damage.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Engineering Controls** : Operate in well-ventilated area.
- Personnel Protective Equipment** :
- Skin Protection** : Rubber gloves or protective gloves.
- Respiratory Protection** : Respirator.
- Eye Protection** : Goggles with side shields, chemical splash goggles and emergency eyewash equipment.
- Body Protection** : Protective working clothes and safety shoes.
- Hygiene Measures** : Keep away from foodstuffs, beverages and smoking. Wash hands before break and at the end of work.  
Immediately remove all soiled and contaminated clothing. Keep work environment clean.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical State(30℃)** : Liquid (Clear or Hazy liquid)
- Odour** : Natural alcohol taste
- pH(1%aq)** : 5.0~7.0
- Melting Point (℃)** : Not available
- Boiling Point (℃)** : >170℃
- Flash Point (℃)** : >150℃ closed cup method.
- Decomposition Temperature** : >250℃
- Self-igniting** : Not available
- Explosion Limits** : Not available
- Vapour Pressure (20℃)** : <0.0013 kPa
- Vapour Density (Air =1)** : >1
- Solubility in Water** : Soluble in water
- Specific Gravity (40℃)** : 0.978~0.998



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#### 10. STABILITY AND REACTIVITY

|   |  |
|---|--|
| <b>Reactivity</b>                         | : Stable in normal room temperature.                   |
| <b>Chemical Stability</b>                 | : Product is stable under normal conditions.           |
| <b>Possibility of Hazardous Reactions</b> | : No dangerous reactions known.                        |
| <b>Conditions to Avoid</b>                | : Avoid high temperatures and fire.                    |
| <b>Incompatible Materials</b>             | : Avoid contact with strong acid and oxidizing agents. |
| <b>Hazardous Decomposition Products</b>   | : No dangerous decomposition products known.           |

#### 11. TOXICOLOGICAL PROPERTIES

|                         |                                |
|-------------------------|--------------------------------|
| <b>Acute Toxicity</b>   |                                |
| <b>Inhalation</b>       | : Not available                |
| <b>Skin Contact</b>     | : Not available                |
| <b>Eye Contact</b>      | : Not available                |
| <b>Ingestion</b>        | : LD50:2000-4000 mg/kg (Mouse) |
| <b>Chronic Toxicity</b> | : LC50 (Fish) : >1000mg/l      |

#### 12. ECOLOGICAL INFORMATION

|                                      |                          |
|--------------------------------------|--------------------------|
| <b>Aquatic Toxicity</b>              | : EC50(Daphnia)>1000mg/l |
| <b>Persistence and Degradability</b> | : Not available          |
| <b>Bioaccumulative Potential</b>     | : Not available          |
| <b>Mobility in Soil</b>              | : Not available          |
| <b>Other Adverse Effects</b>         | : Not available          |

#### 13. DISPOSAL INFORMATION

Disposal should be in accordance with local legislation.

#### 14. TRANSPORT INFORMATION

Not classified as dangerous goods for transport.

|                                |                  |
|--------------------------------|------------------|
| <b>Transport Hazard Class</b>  | : Not applicable |
| <b>UN Number</b>               | : Not applicable |
| <b>UN Proper Shipping Name</b> | : Not applicable |
| <b>Packing Group</b>           | : Not applicable |
| <b>Marine Pollutant</b>        | : No             |

#### 15. REGULATORY INFORMATION

|                    |  |
|--------------------|--|
| <b>Regulations</b> | : 1. Occupational Safety and sanitation rules.<br>2. labeling of hazardous chemicals and Liberal rule.<br>3. Road traffic safety rules.<br>4. Clear the cause of waste storage and treatment facility standards. |
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#### 16. OTHER INFORMATION

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|--------------------------|--|
| <b>Reason for Update</b> | : The information contained herein is based on the present state of our knowledge but without liability. |
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