



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 10, 2017

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Trade Name : Sinopol T4A
Recommended Use : Nonionic surfactant, Emulsifier
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

		Composition / Information on Ingredients (Mixture)		% by Weight
Chemical Composition	:	Name		
	:	Polyoxyethylene C12C14 ether	CAS No : 68439-50-9	14-16
	:	Polyoxyethylene stearyl cetyl Ether	CAS No : 68439-49-6	57-60
	:	Oleic Acid	CAS No : 112-80-1	4-6
	:	Sorbitan monostearate	CAS No : 1338-41-6	22-25

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 and 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°C)** : Solid
- Odour** : Not available
- pH(1%aq)** : 5.0-7.0
- Melting Point (°C)** : Not available
- Boiling Point (°C)** : >150°C
- Flash Point (°C)** : >150°C closed cup method.
- Decomposition Temperature** : Not available
- Self-igniting** : Not available
- Explosion Limits** : Not available
- Vapour Pressure (20°C)** : <0.0013 kPa
- Vapour Density (Air =1)** : >1
- Solubility in Water** : Dispersing in Water
- Specific Gravity (60°C)** : 0.945~0.965



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10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL PROPERTIES

Acute Toxicity	
Inhalation	: Not available
Skin Contact	: Not available
Eye Contact	: Not available
Ingestion	: Not available
Chronic Toxicity	: Not available

12. ECOLOGICAL INFORMATION

Aquatic Toxicity	: Not available
Persistence and Degradability	: Not available
Bioaccumulative Potential	: Not available
Mobility in Soil	: Not available
Other Adverse Effects	: Not available

13. DISPOSAL INFORMATION

Disposal should be in accordance with local legislation.

14. TRANSPORT INFORMATION

Not classified as dangerous goods for transport.

Transport Hazard Class	: Not applicable
UN Number	: Not applicable
UN Proper Shipping Name	: Not applicable
Packing Group	: Not applicable
Marine Pollutant	: No

15. REGULATORY INFORMATION

Regulations	: 1. Enforcement Rules of the Occupational Safety and Health Act 2. Occupational Safety and sanitation rules. 3. Regulations for the Labeling and Hazard Communication of Hazardous Chemicals. 4. Road traffic safety rules. 5. Criteria Governing Methods of and Facilities for Storage, Clearance and Disposal of Industrial Wastes.
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16. OTHER INFORMATION

Reason for Update	: The information contained herein is based on the present state of our knowledge but without liability.
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