


# Material Safety Data Sheet


## 1. Identification of the Substance and of the Company

|   |                         |
|---|-------------------------|
| Trade Name: Tainolin AES-70-2NC   |                         |
| Chemical Name: Sodium Laureth-2 Sulfate   |                         |
| Other Name: Sodium Lauryl Ether Sulfate   |                         |
| Manufacture Address : Taiwan NJC Corporation<br>No. 45, Ming-Hsiung Industrial Park<br>Ming Hsiung, Chia-Yi Hsien<br>Taiwan, R. O. C. |                         |
| Emergency Phone No. : 886-5-2219900 ext 391   | Fax. No : 886-5-2133874 |

## 2. Hazard Identification

|   |
|---|
| Hazard Classification : R36 Irritating to Eye ; R38 Irritating to Respiratory System and Skin         |
| Symbol Content : R38 Cause Skin Irritant ; R36 Irritating to Eye.                                     |
|                     |
| Hazard Symbol : -   |
| Eye: S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice |
| Skin: S28 After contact with skin, wash immediately with plenty of water.                             |
| Inhalation: No route for inhalation.  |
| Ingestion: S46 If swallowed, seek medical advice immediately and show this container or label.        |
| Other Hazard : S14.8 Must Avoid Oxidation Agents and Acidic Corrosive Agents.                         |

## 3. Composition/Information on Ingredient

| Chemical Name: Sodium Laureth-2 Sulfate (CAS No. 9004-82-4) |                                |   |
|---|--------------------------------|---|
| Hazard Ingredients  | Concentration (w/w Percentage) | Classification Symbol   |
| Sodium Laureth-2 Sulfate (CAS No. 9004-82-4)                | 70%                            |  |
| Water   | 30%                            | -   |

## 4. First Aid Measures

|  |
|--|
| Skin Contact: S27 /S28 Take off immediately all contaminated clothing.                             |
| Eye Contact: S26 After contact of skin, wash immediately with plenty of water in Nice Corporation. |
| Inhalation: No route for inhalation..  |
| Ingestion: S46 If swallowed, seek medical advice immediately and show this container or label.     |
| The Most Significant Symptom : N/A   |
| The Protection of First Aid People : N/A   |
| The Notice for Doctors : N/A   |

#### 5. Fire Fighting Measures

Extinguishing Media: S43 In case of fire use water carbon dioxide, form and chemical powder.

Hazard material in Ignition : No.

#### 6. Accidental Release Measures

Disposal Method: In case of small amount, washes with water; In case of large amount, fences by non-flammable material and recovers.

Environmental Issue : S35 This material and its container must be disposed of in a safe way.

Cleaning Method : S59 Refer to manufacturer/supplier for information on recovery/recycling.

#### 7. Handling and Storage

Handling: S7 Keep container tightly closed.

Storage: S7/47 Keep container tightly closed and at temperature not exceeding 47°C

#### 8. Exposure Controls/Personal Protection

Engineering Control: Ensure adequate ventilation of working places.

| Allowed content in 8 hours | Allowed content in Shout period | Maximum allowed Concentration | Biological Indicator |
|----------------------------|---------------------------------|-------------------------------|----------------------|
| —                          | —                               | —                             | —                    |

Personal Protection :

Inhalation: S51 Use only in well-ventilated areas.

Hands: S37 Wear suitable gloves.

Eyes: S39 Wear eye/face protection.

Foot and Body Wear: S36 Wear suitable protective clothing.

S20/S21: S20/21 When using do not eat, drink or smoke.

#### 9. Physical and Chemical Properties

|                                     |  |
|-------------------------------------|--|
| Percent Volatile; 30%(w/w)          | Vapor Pressure: Non Determined or Unknown. |
| Color: Colorless to Pale-Yellowish. | Odor : Slightly.                           |
| pH Value : 7-9                      | Boiling Point Range : 100°C                |
| Decomposition Temperature: 100°C    | Flash Point: N/A                           |
| Density : 1.05 g/cm <sup>3</sup>    | Solubility: Soluble in Water               |

#### 10. Stability and Reactivity

Chemical Stability: Stable under normal Conditions.

Incompatibility; S14 Keep away from oxidation agents and acid.

Temperature: S47 Keep the temperature not exceeding 100°C.

Hazard Decomposition: S14.8 Under decomposition, this product may yield sulfur dioxide.

#### 11. Toxicological Information

Toxicity: R43 May cause sensitization by skin contact · R36 Irritating to eyes. °

Skin: R38 Irritating to skin.

Sensitivity: R43 May cause sensitization by skin contact.

#### 12. Ecological Information

Degradability: The material is degraded quickly.

Acute Fish Toxicity: >1000 mg/L

#### 13. Disposal Considerations

S39 Wear eye/face protection.

Spill or Leak: In case of small amount, washes with water; In case of large amount, fences by non-flammable material and recovers.

#### 14. Transport Information

Not a hazard material according to transport regulations.

UN No. : Not restricted article by IATA.

#### 15. Regulation Information

S59 Refer to manufacturer/supplier for information on recovery/recycling.

#### 16. Other Information

|              |   |               |
|--------------|---|---------------|
| Reference    | N/A   |               |
| MSDS         | Taiwan NJC Corporation  |               |
| Coordinator  | No. 45, Ming-Hsiung Industrial Park, Ming Hsiung, Chia-Yi Hsien, Taiwan, R. O. C. |               |
| Contact Name | Title: Manager  | Name; Ton Lee |
| Date         | February 3 <sup>rd</sup> , 2012   |               |