

# Material Safety Data Sheet (MSDS)

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**TAI COUNTY CHEMICAL CO., LTD**

**台邦科技化學股份有限公司**

## Material Safety Data Sheet (MSDS)



### I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

|   |
|---|
| <b>Product Identifier:</b> MKS  |
| <b>Synonyms:</b> -----  |
| <b>Suggestive Use:</b> Textile/Industrial   |
| <b>Supplier's details:</b> Tai County Chemical Co., Ltd.                                      |
| <b>Address:</b> No. 91 Museum Rd., Bali Dist., New Taipei City 24947, Taiwan                  |
| <b>Telephone Number/ Fax Number:</b> 886-2-2610-4457/ 886-2-2610-1363                         |
| <b>Company Website:</b> <a href="http://www.taicounty.com.tw">http://www.taicounty.com.tw</a> |
| <b>Company E-mail:</b> <a href="mailto:service@taicounty.com.tw">service@taicounty.com.tw</a> |
| <b>Emergency phone number:</b> 886-2-2610-4457 <b>Fax Number:</b> 886-2-2610-1363             |

### II. HAZARDS IDENTIFICATION:

|  |
|--|
| <b>Hazard Class:</b> Non-hazardous   |
| <b>Contents of Symbols:</b><br><b>Symbols:</b><br>1. <b>Signal words:</b><br>2. <b>Hazard Statements:</b><br>3. <b>Precautionary Statements:</b> |
| <b>Other Hazards:</b>  |

### III. COMPOSITION, INFORMATION ON INGREDIENT:

#### Substances:

|  |
|--|
| <b>Name:</b>                                     |
| <b>Synonyms:</b>                                 |
| <b>Chemical Abstract Service No. (CAS No.) :</b> |
| <b>Hazardous Ingredients (% of content) :</b>    |

#### Mixtures:

|   |                |                          |
|---|----------------|--------------------------|
| <b>Chemical Properties:</b>                         |                |                          |
| <b>Hazardous Substance English and Chinese Name</b> | <b>CAS NO:</b> | <b>Concentration (%)</b> |

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|  |            |        |
|--|------------|--------|
| Dimethylsiloxane, 3-[2-(aminoethyl)amino]propyl methyl | 71750-79-3 | 30~35% |
| Siloxanes and Silicones                                | 70131-67-8 | 20~25% |
| Water  | 7732-18-5  | 50%    |

## IV. FIRST AID MEASURE:

### Emergency Procedures:

- **Inhalation:** If inhaled, move personnel to fresh air. Get medical attention if symptoms occur.
- **Skin Contact:** Avoid contact with skin without protective gloves. Wipe off excess material with cloth or paper. Wash off with plenty of warm water immediately for 10-15 minutes. In serious cases, use emergency shower immediately. Seek medical advice in case of continuous irritation.
- **Eye Contact:** Wipe off excess material with cloth or paper and rinse eyes thoroughly with warm water for 20-30 minutes. While rinsing, avoid letting the contaminated water from getting into the eyes. Seek medical advice in case of continuous irritation.
- **Ingestion:** If conscious, give several small portions of water to drink. Do not induce vomiting. Seeking medical advice immediately.

**Critical symptoms and effects of hazards:** It will not cause significant health hazard in normal use.

**Protection of First aider:** -----

**Notes to Physician:** -----

## V. FIRE FIGHTING MEASURES:

**Suitable Extinguishing Media:** Dry chemical, foam, water spray, carbon dioxide.

**Specific Hazards:** -----

**Special Fire Fighting Procedures:** -----

**Specific firefighting equipment:** A self-contained respirator and protective clothing should be worn.

## VI. ACCIDENTAL RELEASE MEASURES:

**Personal Precautions:** Wear proper protective equipment.

**Environmental Precautions:** Prevent material from entering surface waters, drains or sewers and soil. Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/extinguishing water.

### Methods for Cleaning Up:

1. Dike spillage. Pump off product. For residues: Pick up with suitable absorbent

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material.

2. Dispose of absorbed material in accordance with regulations.

## VII. HANDLING AND STORAGE:

**Handling:** Ensure adequate ventilation Protection against fire and explosion.

**Storage:** Keep container tightly closed and store in a cool, well ventilated place.

Ensure adequate ventilation Protection against fire and explosion.

## VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

**Engineering Control:** Well ventilation equipment or environment.

**Control Parameters:**

| HAZARDOUS MATERIAL | TWA | STEL | CEILING | BEIS |
|--------------------|-----|------|---------|------|
| -                  | -   | -    | -       | -    |

**Personal Protection Equipment:**

- 1. Respiratory protection:** Protection equipment.
- 2. Hand protection:** Nitrile rubber protective gloves.
- 3. Eye protection:** Tight fitting protective goggles.
- 4. Skin and body protection:** Skin should be washed after contact.

## IX. PHYSICAL AND CHEMICAL PROPERTIES:

|                                  |                    |   |                    |
|----------------------------------|--------------------|---|--------------------|
| <b>Appearance</b>                | Hazy White         | <b>Physical state</b>                     | liquid             |
| <b>Odor</b>                      | Slight             | <b>Odor Threshold Value</b>               | No data available. |
| <b>pH value(10%)</b>             | 6.0~8.0            | <b>Melting point</b>                      | No data available. |
| <b>Boiling point</b>             | No data available  | <b>Flash Point</b><br><b>Test method:</b> | No data available  |
| <b>Evaporation (25°C)</b>        | No data available  | <b>Inflammability</b>                     | No data available  |
| <b>Explosion Limits</b>          | -----              | <b>Vapour Pressure</b>                    | No data available. |
| <b>Vapor density</b>             | No data available  | <b>Density</b>                            | No data available. |
| <b>Ignition temperature</b>      | No data available. | <b>Solubility</b>                         | Water Solubility   |
| <b>Decomposition temperature</b> | No data available. | <b>Octanol /H2O Coeff.(log Kow):</b>      | No data available. |

The above information is for your reference. For more information, please contact Tai County.

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## X. STABILITY AND REACTIVITY:

**Stability:** If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

**Possible Hazardous Reactions:** -----

**Conditions to Avoid:** Under the high-temperature condition.

**Materials to Avoid:** -----

**Hazardous Decomposition Products:** -----

## XI. TOXICOLOGICAL INFORMATION:

**Routes of Exposure:** skin, eye, inhalation, ingestion.

**Main Symptoms:**

1. **Inhalation:** Slight irritation.
2. **Skin Contact:** Ingestion hazard in normal use.
3. **Eye Contact:** Direct contact may cause irritation.
4. **Ingestion:** Ingestion hazard in normal use.

**Acute Toxicity:** -----

**Chronic Toxicity:**

1. **Inhalation:** May cause slight irritation.
2. **Skin Contact:** It may cause irritation by long term exposure.
3. **Ingestion:** It may hurt internal organs by long term ingestion.

**Toxicity information:**

**LD50 :** No data available.

**LC50 :** No data available.

**IARC :** No data available.

**ACGIH :** It may hurt internal organs by long term ingestion.

## XII. ECOLOGICAL INFORMATION:

**Ecotoxicity:**

**LC50(fish) :** No data available.

**EC50(invertebrate aquatics) :** No data available.

**Biological condensation factor (BCF):** No data available.

**BOD (0.1 % soln.) ppm:** No data available.

**COD (0.1 % soln.) ppm:** No data available.

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|--|
| <b>Persistence/Degradability:</b> -----    |
| <b>Bioaccumulation/Accumulation:</b> ----- |
| <b>Mobility in Soil:</b> -----             |
| <b>Other harmful effect:</b> -----         |

## XIII. DISPOSAL CONSIDERATIONS:

|   |
|---|
| <b>Subject to disposal regulations:</b> According to local regulations. |
| <b>Methods of package disposal:</b> According to local regulations.     |

## XIV. TRANSPORT INFORMATION:

|  |
|--|
| <b>United Nations number (UN No):</b> Not regulated as a dangerous good                            |
| <b>UN Proper shipping name:</b> Not regulated as a dangerous good                                  |
| <b>Transport hazard class(es):</b> Not regulated as a dangerous good                               |
| <b>Packing group:</b> Not regulated as a dangerous good  |
| <b>Marine pollutant (Yes/No):</b> No   |
| <b>Specific transport measures and precautionary conditions:</b> Not regulated as a dangerous good |

## XV. REGULATORY INFORMATION:

|  |
|--|
| <b>Applicable regulations:</b> <ol style="list-style-type: none"> <li>1. Regulations for the Labeling and Hazard Communication of Hazardous Chemicals.</li> <li>2. Occupational Safety and Health Act.</li> <li>3. The Road Safety Rules.</li> </ol> |
|--|

## XVI. OTHER INFORMATION:

|   |
|---|
| <b>Literature references:</b><br>Globally Harmonized System of Chemical Hazardous Substances Data                     |
| <b>Organization that prepared the SDS:</b><br>Tai County Chemical Co., Ltd.   |
| <b>Address of organization that prepared the SDS:</b><br>No. 91 Museum Rd., Bali Dist., New Taipei City 24947, Taiwan |
| <b>Phone/Fax of organization that prepared the SDS:</b><br>886-2-2610-4457 / 886-2-2610-1363                          |
| <b>Person who prepared the SDS:</b><br>Jarvis   |

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**Creation Date:**

12/21/2018

**Product:**

The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements.

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