

## INDUSIL 139

# SAFETY DATA SHEET

**1. Identification of the substance or mixture and of the supplier****GHS Product identifier:** INDUSIL 139**Recommended use of the chemical and restrictions on use****Recommended use:** Not available.**Recommended restrictions:** Not known.**Supplier's details****Manufacturer/Importer/Distributor Information** : Momentive Performance Materials (Thailand) Limited  
1/2 Moo 4 (Asia Industrial Estate), 21130  
Thailand**Contact person** : commercial.services@momentive.com**Telephone** : +65-6496-2121**Telefax** : +66-3868-9121**Emergency telephone number** : +65-3158-1074**Responsible Department** : Product Stewardship & Compliance**2. Hazard(s) identification****GHS classification of substance or mixture, and national or regional information:****Health Hazards**

Acute toxicity (Oral)

Category 5

**GHS label elements****Hazard symbol(s):** No symbol**Signal Word:** Warning**Hazard Statement(s):** May be harmful if swallowed.**Precautionary statement(s):****Prevention:** not applicable**Response:** Call a POISON CENTER/doctor/.../if you feel unwell.**Storage:** not applicable**Disposal:** not applicable**Other hazards which do not result in GHS classification:** None.**3. Composition/information on ingredients**

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**Substance(s) formed under the conditions of use:**

Preparation containing polyether polysiloxane.

### Mixtures

**Composition Comments:**

No hazardous ingredients.

## 4. First-aid measures

### Description of necessary first-aid measures

**Ingestion:**

Get medical attention.

**Inhalation:**

Move to fresh air. Get medical attention if symptoms persist.

**Skin Contact:**

Wash skin thoroughly with soap and water.

**Eye contact:**

Rinse immediately with plenty of water.

### Most important symptoms/effects, acute and delayed

**Symptoms:**

Treatment is symptomatic and supportive.

**Hazards:**

No data available.

### Indication of immediate medical attention and special treatment needed

**Treatment:**

Treatment is symptomatic and supportive.

## 5. Fire-fighting measures

**General Fire Hazards:**

Use standard firefighting procedures and consider the hazards of other involved materials. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

### Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media:**

All standard extinguishing agents are suitable.

**Unsuitable extinguishing media:**

No data available.

**Specific hazards arising from the chemical:**

No data available.

### Special protective action for fire fighters

**Special fire fighting procedures:**

Provide adequate general and local exhaust ventilation.

**Special protective equipment for fire-fighters:**

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

## 6. Accidental release measures

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<b>Personal precautions, protective equipment and emergency procedures:</b>	Use personal protective equipment. Keep unauthorized personnel away. Keep upwind.
<b>Environmental Precautions:</b>	Do not allow runoff to sewer, waterway or ground.
<b>Methods and material for containment and cleaning up:</b>	Take up with an absorbent for chemicals or, otherwise use dry sand. Sweep up or vacuum up spillage and collect in suitable container for disposal.
<b>Notification Procedures:</b>	Remove sources of ignition.

### 7. Handling and storage

<b>Precautions to ensure safe handling:</b>	Keep container tightly closed in a cool, well-ventilated place.
<b>Conditions for safe storage, including any incompatibilities:</b>	Keep container tightly closed in a cool, well-ventilated place.

### 8. Exposure controls/personal protection

#### Control Parameters

##### Occupational Exposure Limits

None of the components have assigned exposure limits.

##### Biological Limit Values

None of the components have assigned exposure limits.

<b>Appropriate Engineering Controls:</b>	Provide eyewash station and safety shower. Local exhaust is recommended.
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#### Individual protection measures, such as personal protective equipment

<b>Eye/face protection:</b>	Safety glasses with side-shields conforming to EN166
<b>Skin Protection</b>	
<b>Hand Protection:</b>	There is no risk to health due to contact with the chemical. Use hand protection to prevent mechanically injuries.
<b>Other:</b>	Wear suitable protective clothing and eye/face protection.
<b>Respiratory Protection:</b>	No protection is ordinarily required under normal conditions of use and with adequate ventilation.
<b>Hygiene measures:</b>	Avoid contact with eyes, skin, and clothing. When using do not eat, drink or smoke.

### 9. Physical and chemical properties

#### Appearance

<b>Physical state:</b>	liquid
<b>Form:</b>	liquid
<b>Color:</b>	Pale yellow

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<b>Odor:</b>	Faint
<b>Odor threshold:</b>	No data available.
<b>pH:</b>	ca. 8
<b>Melting point/freezing point:</b>	ca. -3 °C
<b>Initial boiling point and boiling range:</b>	ca. 100 °C (1,013 hPa)
<b>Flash Point:</b>	> 100 °C
<b>Evaporation rate:</b>	No data available.
<b>Flammability (solid, gas):</b>	No data available.
<b>Upper/lower limit on flammability or explosive limits</b>	
<b>Flammability limit - upper (%):</b>	
<b>Flammability limit - lower (%):</b>	
<b>Explosive limit - upper (%):</b>	No data available.
<b>Explosive limit - lower (%):</b>	No data available.
<b>Vapor pressure:</b>	130 hPa (50 °C) (EU A4)
<b>Vapor density:</b>	No data available.
<b>Density:</b>	1.03 g/cm <sup>3</sup> (20 °C)
<b>Relative density:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in water:</b>	Insoluble
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water) Log Pow:</b>	No data available.
<b>Auto-ignition temperature:</b>	No data available.
<b>Decomposition temperature:</b>	No decomposition if stored and applied as directed.
<b>SADT:</b>	No data available.
<b>Viscosity, dynamic:</b>	No data available.
<b>Viscosity, kinematic:</b>	No data available.
<b>Other information</b>	
<b>Minimum ignition temperature:</b>	430 °C

<b>10. Stability and reactivity</b>
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<b>Reactivity:</b>	No data available.
<b>Chemical Stability:</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	No data available.
<b>Conditions to avoid:</b>	None known.
<b>Incompatible Materials:</b>	The catalysis of strong acids or bases cause polymerization or decomposition.
<b>Hazardous Decomposition Products:</b>	Carbon oxides Oxides of silicon. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

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**11. Toxicological information**

**General information:** No data available.

**Information on likely routes of exposure**

**Ingestion:** No data available.

**Inhalation:** No data available.

**Skin Contact:** No data available.

**Eye contact:** No data available.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Ingestion:** No data available.

**Inhalation:** No data available.

**Skin Contact:** No data available.

**Eye contact:** No data available.

**Information on toxicological effects**

**Acute toxicity (list all possible routes of exposure)**

**Oral**

**Product:** LD 50 (Rat): > 5,000 mg/kg

**Dermal**

**Product:** Not classified for acute toxicity based on available data.

**Inhalation**

**Product:** Not classified for acute toxicity based on available data.

**Repeated dose toxicity**

**Product:** No data available.

**Skin Corrosion/Irritation**

**Product:** (Rabbit): No skin irritation

**Serious Eye Damage/Eye Irritation**

**Product:** (Rabbit): No eye irritation

**Respiratory or Skin Sensitization**

**Product:** No data available.

**Carcinogenicity**

**Product:** No data available.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogenic components identified

**ACGIH Carcinogen List:**

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No carcinogenic components identified

### Germ Cell Mutagenicity

**In vitro**  
**Product:** No data available.

**In vivo**  
**Product:** No data available.

### Reproductive toxicity

**Product:** No data available.

### Specific Target Organ Toxicity - Single Exposure

**Product:** No data available.

### Specific Target Organ Toxicity - Repeated Exposure

**Product:** No data available.

### Aspiration Hazard

**Product:** No data available.

**Other effects:** No data available.

## 12. Ecological information

### Ecotoxicity

#### Acute hazards to the aquatic environment

**Fish**  
**Product:** LC0 (Leuciscus idus): > 1 mg/l

**Aquatic Invertebrates**  
**Product:** No data available.

#### Chronic hazards to the aquatic environment

**Fish**  
**Product:** No data available.

**Aquatic Invertebrates**  
**Product:** No data available.

**Toxicity to Aquatic Plants**  
**Product:** No data available.

### Persistence and Degradability

**Biodegradation**  
**Product:** No data available.

**BOD/COD Ratio**  
**Product:** No data available.

### Bioaccumulative Potential

**Bioconcentration Factor (BCF)**

**INDUSIL 139****Product:** No data available.**Partition Coefficient n-octanol / water (log Kow)****Product:** No data available.**Mobility****Mobility in Soil:** No data available.**Other Adverse Effects:** No data available.**13. Disposal considerations****Disposal methods****Disposal instructions:** No data available.**Contaminated Packaging:** Dispose of as unused product.**14. Transport information****ADR**

Not regulated.

**RID**

Not regulated.

**IATA**

Not regulated.

**IMDG**

Not regulated.

**Special precautions for user:** This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods. Keep away from foodstuffs and animal feed.**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

not applicable

**15. Regulatory information****Safety, health and environmental regulations specific for the product in question****Thailand. Hazardous Substances Prohibited from On-line Notification System (Notification of Ministry of Industry, B.E. 2547)**  
Not Regulated**Thailand. List of Hazardous Substances (Notification of Ministry of Industry Re: List of Hazardous Substances B.E. 2556, Annex: Schedules 1 - 6)**  
This product is classified under DIW Annex 5.6 Thailand Hazardous Act B.E.2535

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**Thailand. Hazardous Substances under Chapter 3, Duties and Civil Liabilities (Notification of Ministry of Industry Re: Hazardous Substances under Chapter 3 of Hazardous Substances Act)**  
Not Regulated

**Thailand. Reportable Hazardous Substances (Notification of Ministry of Industry Re: Bases respecting report of quantity of hazardous materials under Department of Industrial Works, B.E. 2547)**  
Not Regulated

**International regulations**

**Montreal protocol**  
not applicable

**Stockholm convention**  
not applicable

**Rotterdam convention**  
not applicable

**Kyoto protocol**  
not applicable

**Inventory Status:**

Australia AICS:	y (positive listing)
EU EINECS List:	y (positive listing)
Japan (ENCS) List:	y (positive listing)
China Inventory of Existing Chemical Substances:	y (positive listing)
Korea Existing Chemicals Inv. (KECI):	y (positive listing)
Canada DSL Inventory List:	y (positive listing)
Canada NDSL Inventory:	n (Negative listing)
Philippines PICCS:	y (positive listing)
US TSCA Inventory:	y (positive listing)
Taiwan. Taiwan inventory (CSNN):	y (positive listing)

**16. Other information, including date of preparation or last revision**

**Issue Date:** 2016/06/08

**Revision Date:** No data available.

**Version #:** 1.0

**Source of information:** No data available.

**Further Information:** Wear suitable protective clothing, gloves and eye/face protection.



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**INDUSIL 139****Disclaimer:****Notice to reader**

Unless otherwise specified in section 1, Momentive products are intended for use in the manufacture and/or formulation of products and are not intended for direct consumer use. These products are not intended for long-lasting (> 30 days) implantation, injection or direct ingestion into the human body, nor for use in the manufacture of multiple use contraceptives.

**Further Information**

Wear suitable protective clothing, gloves and eye/face protection.  
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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