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# Safety Data Sheet

## 1. IDENTIFICATION

|                    |  |
|--------------------|--|
| Product Identifier | NIKKOL SG-L300   |
| Supplier           | NIKKO CHEMICALS (SINGAPORE) PTE LTD                    |
| Address            | 39 Ayer Merbau Road, Jurong Island<br>Singapore 627718 |
| Phone              | +65 6896 6552  |
| Fax                | +65 6896 6557  |
| Emergency contact  | +65 6896 6552  |

## 2. HAZARDS IDENTIFICATION

### GHS classification:

|   |                             |
|---|-----------------------------|
| Flammable liquid                                      | Not classified              |
| Acute toxicity:                                       |                             |
| Oral  | Not classified              |
| Dermal  | Not classified              |
| Inhalation  | Classification not possible |
| Skin corrosion / irritation                           | Category 2                  |
| Serious eye damage / irritation                       | Category 1                  |
| Skin sensitization                                    | Not classified              |
| Respiratory sensitization                             | Classification not possible |
| Germ cell mutagenicity                                | Not classified              |
| Carcinogenicity                                       | Not classified              |
| Reproductive toxicity                                 | Classification not possible |
| Specific target organ toxicity<br>(single exposure)   | Classification not possible |
| Specific target organ toxicity<br>(repeated exposure) | Classification not possible |
| Aspiration hazard                                     | Classification not possible |
| Environmental hazards:                                |                             |
| Aquatic toxicity (acute)                              | Category 1                  |
| Aquatic toxicity (chronic)                            | Classification not possible |

### GHS label elements:

Pictograms



Signal word

Danger

### Hazard statements:

- Causes skin irritation
- Causes serious eye damage
- Very toxic to aquatic life

### Precautionary statements:

#### Prevention

- Wash hands and face thoroughly after handling
- Wear protective gloves / protective clothing / eye protection / face protection
- Avoid release to the environment

**Response**

IF SWALLOWED: Rinse mouth. Call a POISON CENTRE or doctor / physician if you feel unwell.

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If skin irritation occurs: Get medical advice / attention.

Take off contaminated clothing and wash before reuse.

Immediately call a POISON CENTRE or doctor / physician.

Collect spillage

**Storage**

Store in a dry place. Store in a closed container.

Store in a well-ventilated place. Keep cool.

**Disposal**

Dispose of contents / container in accordance with local / regional / national / international regulations.

**Other hazards which do not result in classification**

No data

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**3. COMPOSITION / INFORMATION ON INGREDIENTS**


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| Substance / Mixture                  | Substance         |            |
|--------------------------------------|-------------------|------------|
| Ingredients and Concentration Range: | Concentration (%) | CAS No.    |
| Ingredient (INCI NAME)               |                   |            |
| POE (3) Lauryl Ether<br>(Laureth-3)  | 100               | 68439-50-9 |

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**4. FIRST AID MEASURES**


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**Inhalation:**

Remove to fresh air, keep warm and at rest.

Seek medical attention if necessary.

**Skin Contact:**

Wash thoroughly with soap and water.

Seek medical attention if blistering occurs or redness persists.

Contaminated clothing should be washed or dry-cleaned before re-use.

**Eye Contact:**

Flush eye with plenty of water for at least 15 minutes, holding the eye open.

Seek medical attention.

**Ingestion:**

Rinse out mouth with water. Drink plenty of water or milk.

Seek medical attention.

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## 5. FIRE-FIGHTING MEASURES

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**Suitable fire-extinguishing media:**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide for extinguishing.

**Extinguishing media which must not be used for safety reasons:**

Avoid using large quantities of water

**Specific hazards in the event of fire:**

Fumes containing carbon dioxide and carbon monoxide may be formed in large fires  
May make floor very slippery

**Special protective actions for fire fighters:**

Use self-contained breathing apparatus  
Wear protective clothing

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## 6. ACCIDENTAL RELEASE MEASURES

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**Personal precautions, protective equipment and emergency measures:**

Wear gloves, safety goggles, protective overalls and safety shoes. Ensure adequate ventilation.

**Environmental precautions:**

Do not allow to flow into drainage / sewage system.  
Do not discharge into the subsoil/soil

**Methods and materials for containment and cleaning up:**

Transfer product to suitably labeled containers for disposal at an approved site according to local laws and regulations  
Absorb spillage onto inert material (e.g. sand).  
Wipe away remains with adsorbent material (cloth, fabric etc.).  
Wash away residue and small spillages with water and detergent.

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## 7. HANDLING AND STORAGE

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**Precautions for safe handling:**

Normal precautions should be observed as for handling all chemicals.  
Use gloves and wear goggles when handling.

**Conditions for safe storage, including any incompatibilities:**

Keep container tightly closed and store in a cool, dry and well-ventilated place.  
Excessive heat will cause colour degradation  
Avoid open flames and direct sunlight

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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**Control parameters / Occupational Exposure Limits:**

No data

**Appropriate engineering control measure:**

Provide general or local exhaust ventilation systems to maintain airborne concentrations at its minimal level.

**Individual protection measures, such as personal protective equipment (PPE):**

Hand Protection : Suitable protective gloves.  
Eyes Protection : Safety goggles.  
Body Protection : Protective overalls and safety shoes/boots

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|  |                      |
|--|----------------------|
| Physical state                               | Liquid               |
| Colour                                       | White to pale yellow |
| Odour  | Characteristic       |
| Odour threshold                              | No data              |
| pH   | 4 - 7 (at 5%)        |
| Melting point                                | No data              |
| Boiling point                                | No data              |
| Flash point (PMCC)                           | > 150°C              |
| Upper/lower flammability or explosive limits | No data              |
| Evaporation rate                             | No data              |
| Vapour pressure                              | No data              |
| Vapour density                               | No data              |
| Density / Relative density                   | No data              |
| Solubility                                   | No data              |
| Partition coefficient: n-octanol/water       | No data              |
| Flammability (solid, gas)                    | No data              |
| Auto-ignition temperature                    | No data              |
| Decomposition temperature                    | No data              |
| Viscosity                                    | No data              |
| Molecular mass                               | No data              |

## 10. STABILITY AND REACTIVITY

**Reactivity:**

No data

**Chemical stability:**

Stable under normal conditions

**Possibility of hazardous reaction:**

No data

**Conditions to avoid:**

Avoid heat, flames, sparks and other sources of ignition

**Incompatible materials:**

Strong oxidizing agents

**Hazardous decomposition products:**

Incomplete combustion can produce fumes of carbon monoxide

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## 11. TOXICOLOGICAL INFORMATION

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**Acute toxicity**

|            |  |
|------------|--|
| Oral       | Rat, LD50: Male 8.6 g/kg, Female 9.1 g/kg<br>Mouse, LD50: Male 4.9 g/kg, Female 7.6 g/kg<br>Swiss mouse (weight 25~30g), LD50: 5~10 g/kg |
| Dermal     | Rat, LD50: >2000mg/kg, 8000mg/kg not die   |
| Inhalation | No data  |

**Skin corrosion / irritation**

Rabbit, Draize, 72hrs, edema, P II: 0.58/8

**Serious eye damage / irritation**

Rabbit, Draize, 10%, 20%: Mildly irritating, 100%: Moderately irritating

**Respiratory or skin sensitization**

C12AE(9), Marmotte, into skin 3 times/week, total 9 times for 3 weeks, evoke: 2 weeks, result: no sensitization

**Germ cell mutagenicity**

In vitro, In vivo: Negative

**Carcinogenicity**

Mouse, 2 years by oral administration, Negative

**Reproductive toxicity**

No data

**Specific target organ toxicity**

No data

**Aspiration hazard**

No data

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## 12. ECOLOGICAL INFORMATION

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**Toxicity**

Fathead minnow, 96h, LC50: 0.48~12 mg/L (EO: 3~12)

**Persistence and degradability**

No data

**Bioaccumulative potential**

No data

**Mobility in soil**

No data

**Other adverse effect**

No data

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## 13. DISPOSAL CONSIDERATIONS

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Do not wash into drains /sewers / rivers etc.

Dispose of in accordance with local and national regulations.

Seek advice from local waste authority for guidance.

## 14. TRANSPORT INFORMATION

### Land (ADR/RID)

|                      |   |
|----------------------|---|
| UN Number            | 3082  |
| Class                | 9   |
| Packing group        | III   |
| Proper Shipping Name | Environmentally Hazardous Substance, Liquid, n.o.s.<br>(Polyoxyethylene (2) Lauryl Ether) |

### Sea (IMDG)

|                      |   |
|----------------------|---|
| UN Number            | 3082  |
| Class                | 9   |
| Packing group        | III   |
| Proper Shipping Name | Environmentally Hazardous Substance, Liquid, n.o.s.<br>(Polyoxyethylene (2) Lauryl Ether) |
| Marine pollutant     | Yes   |

### Air (IATA)

|                      |   |
|----------------------|---|
| UN Number            | 3082  |
| Class                | 9   |
| Packing group        | III   |
| Proper Shipping Name | Environmentally Hazardous Substance, Liquid, n.o.s.<br>(Polyoxyethylene (2) Lauryl Ether) |

### Special precautions:

- Ensure containers without breakage or leakage.
- Ensure containers tightly fixed.
- Follow all regulations in your country or region.

## 15. REGULATORY INFORMATION

### Chemical Inventory Status:

|                  |          |
|------------------|----------|
| ENCS (Japan)     | 7 - 97   |
| TSCA (USA)       | Yes      |
| EINECS (EU)      | Polymer  |
| AICS (Australia) | Yes      |
| DSL (Canada)     | Yes      |
| ECL (Korea)      | KE-13387 |
| IECSC (China)    | Yes      |

## 16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Nikko Chemicals (S) Pte Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.