

# SAFETY DATA SHEET

## 1. Identification of the substance or mixture and of the supplier

**GHS Product identifier:** NEOPELEX F-50

**Other means of identification**

**SDS number:** B0011126

**Recommended use of the chemical and restrictions on use**

**Recommended use:** Not available.

**Recommended restrictions:** Not known.

**Supplier's details**

**Manufacturer**

Company Name: Kao Industrial (Thailand) Co.,Ltd.  
Address: 55 Wave Place Bldg., 15th Floor., Wireless Rd., Lumpini, Pathumwan, Bangkok  
10330 Thailand  
Telephone: +66-2-655-4433 to 35  
Fax: +66-2-655-4335  
Division: Chemical Business

**Emergency telephone number:** 66-2-655-4433

## 2. Hazard(s) identification

**GHS classification of substance or mixture, and national or regional information:**

**Health Hazards**

Acute toxicity (Oral)	Category 5
Acute toxicity (Dermal)	Category 5
Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 1

**Environmental Hazards**

Acute hazards to the aquatic environment	Category 2
Chronic hazards to the aquatic environment	Category 3

**Label Elements**

**Pictograms:**



**Signal Word:** Danger

**Hazard Statement:** May be harmful if swallowed or in contact with skin.  
Causes skin irritation.  
Causes serious eye damage.  
Toxic to aquatic life.  
Harmful to aquatic life with long lasting effects.

**Precautionary Statements****Prevention:**

Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/eye protection/face protection.

**Response:**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. Call a POISON CENTER or doctor if you feel unwell.

**Storage:**

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**Disposal:**

Passed to a licensed waste contractor.

**Other hazards which do not result in GHS classification:** None.

**Unknown toxicity - Health**

Acute toxicity, inhalation, dust or mist 50 %

**Unknown toxicity - Environment**

Acute hazards to the aquatic environment 0 %

Chronic hazards to the aquatic environment 0 %

**3. Composition/information on ingredients****Mixtures**

Chemical Identity	Common name and synonyms	CAS number	Concentration*
Sodium alkyl(C10-14)benzene sulfonates (Soft type)		69669-44-9	49 - 51%

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**4. First-aid measures****Description of necessary first-aid measures****Ingestion:**

Immediately call a POISON CENTER/doctor.

**Inhalation:**

Remove person to fresh air and keep comfortable for breathing.

**Skin Contact:**

If skin irritation occurs, get medical advice/attention. Flush skin with running water. Take off contaminated clothing and wash before re-use. Immediately call a POISON CENTER/doctor.

**Eye contact:**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

**5. Fire-fighting measures****Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:** Powder, alcohol-resistant foam, water spray, carbon dioxide, sand

**Unsuitable extinguishing media:** No data available.

**Specific hazards arising from the chemical:** Produce irritating or toxic gases in a fire.

**Special protective action for fire fighters**

**Special fire fighting procedures:** Keep away from sources of ignition and use appropriate extinguishing media. Fight fire from upwind position if possible. Product itself is non-combustible. Do not flow the materials causing adverse effects into the environment with effluent fire extinguishing agents.

**Special protective equipment for fire-fighters:** Use goggles in combination with dust mask, and other protections as appropriate to situation. Risk of producing harmful gases such as carbon monoxide and sulfur oxides. Avoid inhalation of smoke or gases.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** Use goggles and protective gloves. Large spills : Remove person to safety. Ensure adequate ventilation.

**Environmental Precautions:** Avoid release to the environment.

**Methods and material for containment and cleaning up:** Small spills: Absorb spills with sand, inert absorbent, waste cloth or sawdust. Then wipe up remainder in waste cloth. Large spills: Dike spills and dispose of in safe area.

**7. Handling and storage**

**Precautions to ensure safe handling:** Avoid contact with eyes. Use an adequate ventilation. Wash thoroughly after handling. Use personal protective equipment as required.

**Conditions for safe storage, including any incompatibilities:** Keep container tightly closed. Store in a well-ventilated place.

**8. Exposure controls/personal protection****Control Parameters****Occupational Exposure Limits**

None of the components have assigned exposure limits.

**Appropriate Engineering Controls:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use an adequate ventilation.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection:** Safety goggles

<b>Hand Protection:</b>	Rubber gloves
<b>Other:</b>	Full-body suit
<b>Respiratory Protection:</b>	Use as appropriate to situation.
<b>Hygiene measures:</b>	No data available.

## 9. Physical and chemical properties

### Appearance

<b>Physical state:</b>	solid
<b>Form:</b>	Paste
<b>Color:</b>	Light yellow
<b>Odor:</b>	Slight characteristic odor
<b>Odor Threshold:</b>	No data available.
<b>pH:</b>	6 - 8 (5% solution)
<b>Melting Point:</b>	< 20 °C
<b>Boiling Point:</b>	No data available.
<b>Flash Point:</b>	Not detected
<b>Evaporation Rate:</b>	No data available.
<b>Flammability:</b>	No data available.
<b>Explosive limit - upper:</b>	No data available.
<b>Explosive limit - lower:</b>	No data available.
<b>Vapor pressure:</b>	No data available.
<b>Relative vapor density:</b>	No data available.
<b>Density:</b>	1.045 g/ml (25 °C)
<b>Relative density:</b>	No data available.
<b>Solubility in Water:</b>	Very Soluble
<b>Solubility (other):</b>	Soluble in alcohols
<b>Partition coefficient (n-octanol/water):</b>	No data available.
<b>Self Ignition Temperature:</b>	No data available.
<b>Decomposition Temperature:</b>	No data available.
<b>Kinematic viscosity:</b>	No data available.
<b>Dynamic viscosity:</b>	No data available.
<b>Particle Properties:</b>	No data available.

## 10. Stability and reactivity

<b>Reactivity:</b>	No data available.
<b>Chemical Stability:</b>	No data available.
<b>Possibility of hazardous reactions:</b>	No data available.
<b>Conditions to avoid:</b>	No data available.
<b>Incompatible Materials:</b>	No data available.
<b>Hazardous Decomposition Products:</b>	No data available.

## 11. Toxicological information

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

#### Oral

**Product:** ATEmix: 2,160 mg/kg

#### Dermal

**Product:** ATEmix 5,000 mg/kg

#### Inhalation

**Product:** Dusts, mists and fumes: Classification not possible due to insufficient data.  
Vapour: No data available.  
Not classified based on available data of component(s).

### Skin Corrosion/Irritation

**Product:** No data available.

#### Components:

Sodium alkyl(C10-14)benzene sulfonates  
(Soft type) Category 2: (88)

### Serious Eye Damage/Eye Irritation

**Product:** No data available.

#### Components:

Sodium alkyl(C10-14)benzene sulfonates  
(Soft type) Category 1: (88)

### Respiratory or Skin Sensitization

**Product:** Skin: No data available.  
Not classified based on available data of component(s).  
Respiratory: Classification not possible due to insufficient data.

### Carcinogenicity

**Product:** No data available.  
Not classified based on available data of component(s).

#### IARC:

No carcinogens present or none present in regulated quantities

#### ACGIH:

No carcinogens present or none present in regulated quantities

### Germ Cell Mutagenicity

#### In vitro

**Product:** No data available.  
Not classified based on available data of component(s).

#### In vivo

**Product:** No data available.  
Not classified based on available data of component(s).

### Reproductive toxicity

**Product:** No data available.  
Not classified based on available data of component(s).

**Specific Target Organ Toxicity - Single Exposure**

**Product:** Classification not possible due to insufficient data.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.  
Not classified based on available data of component(s).

**Aspiration Hazard**

**Product:** No data available.

**Other effects:** No data available.

**12. Ecological information****Ecotoxicity:****Acute hazards to the aquatic environment:****Fish**

**Product:** No data available.

**Aquatic Invertebrates**

**Product:** No data available.

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Components:**

Sodium alkyl(C10-14)benzene sulfonates  
(Soft type) Category 2: (88)

**Chronic hazards to the aquatic environment:****Fish**

**Product:** No data available.

**Aquatic Invertebrates**

**Product:** No data available.

**Components:**

Sodium alkyl(C10-14)benzene sulfonates  
(Soft type) Category 3: (88)

**Persistence and Degradability****Biodegradation**

**Product:** No data available.

**BOD/COD Ratio**

**Product:** No data available.

**Bioaccumulative potential****Bioconcentration Factor (BCF)**

**Product:** No data available.  
**Partition Coefficient n-octanol / water (log Kow)**  
**Product:** No data available.

**Mobility in soil:** No data available.

**Known or predicted distribution to environmental compartments**

Sodium alkyl(C10-14)benzene sulfonates (Soft type) No data available.

**Other adverse effects:** No data available.

### 13. Disposal considerations

#### Disposal methods

**Disposal instructions:** Review "HANDLING AND STORAGE (Section 7)". Passed to a licensed waste contractor. Incinerate with little portions. Risk of producing harmful gases such as carbon monoxide and sulfur oxides.

**Contaminated Packaging:** No data available.

### 14. Transport information

#### IATA

Not regulated.

#### IMDG

Not regulated.

### 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)**

**Thailand. Notification of Ministry of Industry, Re: List of Hazardous Substances B.E. 2538**

**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)**

**Thailand. Notification of the Ministry of Interior, Re: Work Safety Relating to Dangerous Chemicals**

**Thailand. Notification of the Ministry of Interior, Re: Work Safety Relating to More Dangerous Chemicals**

**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

**Inventory Status:**

US TSCA Inventory:	On or in compliance with the inventory
Canada DSL Inventory List:	On or in compliance with the inventory
Australia AICS:	On or in compliance with the inventory
Korea Existing Chemicals Inv. (KECI):	Contact us for information
Japan (ENCS) List:	On or in compliance with the inventory
Japan ISHL Listing:	On or in compliance with the inventory
Philippines PICCS:	On or in compliance with the inventory
China Inv. Existing Chemical Substances:	On or in compliance with the inventory
REACH (EU):	Contact us for information
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory

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

**Issue Date:** 10.03.2021

**Revision Date:**

**Version #:** 1.0

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

**Further Information:** No data available.

**Disclaimer:** To the best of the manufacturer's knowledge, the information contained herein is accurate. However, neither the manufacturer, nor any of its affiliates, make any representations or warranties (expressed or implied), nor assumes any liability (including liability for any direct, incidental, consequential, or other damages) with respect to the accuracy or completeness of the information contained herein. Such information may be (without limitation) invalid if the specified material is used in combination with another, in a particular process, or under unusual conditions. Determination of suitability of any material for any given purpose is the sole responsibility of the user who assumes all risk and responsibility therefore. All materials may present unknown hazards and should be used with appropriate caution. The manufacturer cannot and does not guarantee that the hazards described herein are the only ones that exist. In the case of the product for fragrance, it's in accordance with the latest standard of IFRA within ordinary use. Contact with the supplier for detail information.

**Reference:**

(88): ECHA-REACH Registered Substances Database