

# Polymer Add (Thailand) Co; Ltd.



## Safety Data Sheet

### SODIUM XYLENE SULFONATE

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## 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifiers

Chemical Name Sodium xylene sulfonate  
CAS NO. 1300-72-7

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

1. Sodium xylene sulfonate is used in liquid household detergents and shampoos, in degreasing compounds and printing pastes used in the textile industry.
2. It is also a surfactant found in personal care products, primarily in shampoos, because of its ability to serve as a claritant or wetting agent that helps a formula spread more easily.
3. Sodium xylene sulfonate is also used to extract pentosans and lignin in the paper industry, and as a glue additive in the leather industry

### Details of the supplier of the safety data sheet

#### COMPANY

POLYMER ADD (THAILAND) CO., LTD.  
106, Chalaremprakiat, Lor 9, Soi 22, Yak  
5, Nongbon, Prawet, Bangkok  
Bangkok - 10250  
Thailand  
Telephone : 0804531391  
Email - contact@polymeradd.co.th

## 2 HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Human Health Eye irritation (Category 2), H319  
For the full text of the H-Statements mentioned in this Section, see Section 16

### 2.2 Labelling according Regulation (EC) No 1272/2008 [CLP]

#### Pictogram



#### Signal word

Warning

H319

Causes serious eye irritation.

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses.

According to European Directive 67/548/EEC as amended

none

### 2.3 Other hazards

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

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**3.1 Substances****Component**

<b>Chemical Name</b>	Sodium xylenesulphonate
<b>CAS NO</b>	1300-72-7
<b>EC Number</b>	215-090-9
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>9</sub> NaO <sub>3</sub> S
<b>Molecular Weight</b>	208.21
<b>Concentration</b>	<= 100 %

**4 FIRST AID MEASURES****4.1 Description of first aid measures****General advice**

Consult a physician.  
Show this material safety data sheet to the doctor in attendance

<b>If inhaled</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
<b>In case of skin contact</b>	Wash off with soap and plenty of water. Consult a physician
<b>In case of eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>If swallowed</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**4.2 Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

**4.3 Indication of any immediate medical attention and special treatment needed**

No data available

**5 FIREFIGHTING MEASURES****5.1 Extinguishing media**

<b>Suitable extinguishing media</b>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
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**5.2 Special hazards arising from the substance or mixture**

Carbon oxides, Sulfur oxides, Sodium oxides

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5.3 **Advice for firefighters** Wear self-contained breathing apparatus for firefighting if necessary.

5.4 **Further information** No data available

## 6 ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions protective equipment and emergency procedures

Use personal protective equipment.  
Avoid dust formation.  
Avoid breathing vapors, mist or gas.  
Ensure adequate ventilation.  
Avoid breathing dust.  
For personal protection see section 8.

### 6.2 Environmental precautions

Do not let product enter drains

### 6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust.  
Sweep up and shovel.  
Keep in suitable, closed containers for disposal

### 6.4 Reference to other sections

For disposal see section 13.

## 7 HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes.  
Avoid formation of dust and aerosols.  
Provide appropriate exhaust ventilation at places where dust is formed.  
For precautions see section 2.2.

### 7.2 Information about protection against explosions and fires

No data available

### 7.3 Conditions for safe storage including any incompatibilities

Store in cool place.  
Keep container tightly closed in a dry and well-ventilated place.

### 7.4 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

Appropriate engineering controls

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Handle in accordance with good industrial hygiene and safety practice.  
Wash hands before breaks and at the end of workday.

#### Eye/face protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### Skin protection

Handle with gloves.  
Gloves must be inspected prior to use.  
Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.  
Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.  
Wash and dry hands.  
The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.

#### Body Protection

Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace

#### Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator.  
For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges.  
Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### Control of environmental exposure

Do not let product enter drains.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

a) Appearance	white crystal
b) Odour	No data available
c) Odour Threshold	No data available
pH	No data available
e) Melting point/freezing point	No data available
f) Initial boiling point and boiling range	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
i) Flammability (solid or gas)	No data available

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j)Upper/lower flammability or explosive limits	No data available
k)Vapour pressure	No data available
l)Vapour density	No data available
m)Relative density	0.984 g/cm <sup>3</sup> at 20 °C
n)Water solubility	664 g/l at 20 °C
o)Partition coefficient: n-octanol/water	log Pow: -3.12 at 20 °C
p)Autoignition temperature	320.9 °C at 1.013 hPa
q)Decomposition temperature	No data available
r)Viscosity	No data available
s)Explosive properties	No data available
t)Oxidizing properties	No data available

#### 9.2 Other safety information

Bulk Density	No data available
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#### 10 STABILITY AND REACTIVITY

10.1 Reactivity	No data available
10.2 Chemical stability	Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions	No data available
10.4 Conditions to avoid	No data available
10.5 Incompatible materials	Strong oxidizing agents
10.6 Hazardous decomposition products	Hazardous decomposition products formed under fire conditions. - Carbon oxides, Sulfur oxides, Sodium oxides Other decomposition products - No data available In the event of fire: see section 5

#### 11 TOXICOLOGICAL INFORMATION

##### 11.1 Information on toxicological effects

<b>Acute oral toxicity</b>	LD50 Oral - Rat - male and female - > 7.000 mg/kg
<b>Acute Inhalation toxicity</b>	LC50 Inhalation - Rat - male and female - 3,8 h - > 6,41 mg/l
<b>Acute dermal toxicity</b>	LD50 Dermal - Rabbit - male and female - > 2.000 mg/kg

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<b>Skin corrosion/irritation</b>	Skin - Rabbit Result: No skin irritation - 24 h
<b>Serious eye damage/eye irritation</b>	Eyes - Rabbit Result: Irritating to eyes. Remarks: (ECHA)
<b>Respiratory or skin sensitization</b>	No data available
<b>Germ cell mutagenicity</b>	No data available
<b>IARC</b>	No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
<b>Reproductive toxicity</b>	No data available
<b>Specific target organ toxicity - single exposure</b>	No data available
<b>Specific target organ toxicity - repeated exposure</b>	No data available
<b>Aspiration hazard</b>	No data available
<b>RTECS</b>	ZE5100000

### Signs And Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## 12 ECOLOGICAL INFORMATION

12.1	Toxicity	No data available
12.2	<b>Persistence and degradability</b>	
	<b>Biodegradation</b>	
	aerobic - Exposure time 28 d Result: 83 - 85 % - Readily biodegradable. (OECD Test Guideline 301B)	
12.3	Bio accumulative potential	No data available
12.4	Mobility in soil	No data available
12.5	Results of PBT and vPvB assessment	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
12.6	Other adverse effects	No data available

## 13 DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

#### Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

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Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

#### Contaminated packaging

Dispose of as unused product.

## 14 TRANSPORT INFORMATION

### 14.1 UN number

ADR/RID

IMDG

IATA

-

-

-

### 14.2 UN proper shipping name

ADR/RID

IMDG

IATA

Not dangerous goods

Not dangerous goods

Not dangerous goods

### 14.3 Transport hazard class(es)

ADR/RID

IMDG

IATA

-

-

-

### 14.4 Packaging group

ADR/RID

IMDG

IATA

-

-

-

### 14.5 Environmental hazards

ADR/RID

IMDG Marine pollutant

IATA

no

no

no

### 14.6 Special precautions for user

## 15 REGULATORY INFORMATION

### 15.1 Safety health and environmental regulations/legislation specific for the substance or mixture

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006. International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors : Neither banned nor restricted REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Neither banned nor restricted Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Neither banned nor restricted REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : This product does not contain substances of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 57).

### 15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

## 16 OTHER INFORMATION

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H319

Causes serious eye irritation.

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