

## Safety Data Sheet

### OCTENYL SUCCINIC ANHYDRIDE

Revision date :

Page: 1/7

Version : 3.0

NUMBER

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

### 1.1 Product identifiers

Chemical Name Octenyl Succinic Anhydride  
CAS NO. 26680-54-6

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

1. Food starch modifier that increases starch solubility in water, oil and milk.
2. Corrosion inhibitor for non-aqueous systems such as lubricants, hydraulic fluids and defoamers.
3. Detergent additive for heavy duty metal cleaning applications.

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

#### COMPANY

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

## 2 HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

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

#### Pictogram



#### Signal word

Danger

H315

Causes skin irritation

H319

Causes serious eye irritation

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P280A

Wear protective gloves

P285

In case of inadequate ventilation wear respiratory protection.

P301A

IF SWALLOWED do not induce vomiting. Do not give anything to drink. Obtain medical attention without

P302+P352

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

P305B

IF IN EYES, Separate eyelids with finger tips.

P340

Remove victim to fresh air and keep at rest in a position comfortable for breathing

P351

Rinse cautiously with water for several minutes.

P361

Remove/Take off immediately all contaminated

# Polymer Add (Thailand) Co; Ltd.



## Safety Data Sheet

### OCTENYL SUCCINIC ANHYDRIDE

Revision date :

Page: 2/7

Version : 3.0

NUMBER

clothing.

2.3 Other hazards

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

#### Component

Chemical Name	Octenyl Succinic Anhydride
CAS NO	26680-54-6
EC Number	247-899-8
Molecular Formula	C <sub>12</sub> H <sub>18</sub> O <sub>3</sub>
Molecular Weight	210.27
Concentration	-

## 4 FIRST AID MEASURES

### 4.1 Description of first aid measures

In case of skin contact	Wash skin with deluge of water for at least 15 minutes.
In case of eye contact	Flush eyes with flowing water for at least 15 minutes.
If swallowed	If swallowed, wash out mouth with water if person is conscious. Remove contaminated clothing

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

No data available

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

No data available

## 5 FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Suitable extinguishing media No Data Available

### 5.2 Special hazards arising from the substance or mixture

No Data Available

### 5.3 Advice for firefighters

No Data Available

### 5.4 Further information

No Data Available

## 6 ACCIDENTAL RELEASE MEASURES

## Safety Data Sheet

### OCTENYL SUCCINIC ANHYDRIDE

Revision date :

Page: 3/7

Version : 3.0

NUMBER

#### 6.1 Personal precautions protective equipment and emergency procedures

No data available

#### 6.2 Environmental precautions

No data available

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

No data available

#### 6.4 Reference to other sections

No data available

### 7 HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Use appropriate personal protective equipment

#### 7.2 Information about protection against explosions and fires

No data available

#### 7.3 Conditions for safe storage including any incompatibilities

Store at room temp

#### 7.4 Specific end use(s)

No data available

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

#### 8.2 Exposure control

##### Appropriate engineering controls

Use process enclosures, local exhaust ventilation, or other engineering controls.

##### Eye/face protection

The use of eye protection in the form of safety glasses with side shields  
Use chemical splash goggles and face shield.

##### Skin protection

use of skin protection for hands in the form of gloves are considered minimum and non-discretionary  
in work places and laboratories.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

## Safety Data Sheet

### OCTENYL SUCCINIC ANHYDRIDE

Revision date :

Page: 4/7

Version : 3.0

NUMBER

a) Appearance	clear, colourless to yellow liquid
c) Odour Threshold	No Data Available
d) pH (% solution in water)	No Data Available
e) Melting point/freezing point	46-50 F
f) Initial boiling point and boiling range	320 Deg C
g) Flash point	No Data Available
h) Evaporation rate	No Data Available
i) Flammability (solid or gas)	No Data Available
j) Upper/lower flammability or explosive limits	No Data Available
k) Vapour pressure	<1
l) Vapour density	7.3
m) Relative density	1.0
n) Water solubility	insoluble
o) Partition coefficient: n-octanol/water	No Data Available
p) Autoignition temperature	No Data Available
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

### 10 STABILITY AND REACTIVITY

10.1	Reactivity	
10.2	Chemical stability	Chemical Stability unstable
10.3	Possibility of hazardous reactions	Chemical Stability unstable
10.4	Conditions to avoid	Chemical Stability unstable
10.5	Incompatible materials	oxidizing agents
10.6	Hazardous decomposition products	oxides of carbon

### 11 TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

<b>Acute toxicity</b>	No Data Available
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# Polymer Add (Thailand) Co; Ltd.



## Safety Data Sheet

### OCTENYL SUCCINIC ANHYDRIDE

Revision date :

Page: 5/7

Version : 3.0

NUMBER

Acute oral toxicity	No Data Available
Acute Inhalation toxicity	No Data Available
Acute dermal toxicity	No Data Available
Acute Irritation / corrosion toxicity	No Data Available
Skin corrosion/irritation	No Data Available
Serious eye damage/eye irritation	No Data Available
Respiratory or skin sensitization	No Data Available
Germ cell mutagenicity	No Data Available
Carcinogenicity	No Data Available
IARC	No Data Available
Reproductive toxicity	No Data Available
Specific target organ toxicity - single exposure	No Data Available
Specific target organ toxicity - repeated exposure	No Data Available
Signs and symptoms of exposure	No Data Available
Route of exposure	No Data Available
Aspiration hazard	No Data Available
Potential health effects	No Data Available
Inhalation	No Data Available
Ingestion	No Data Available
Skin	No Data Available
Eyes	No Data Available

## 12 ECOLOGICAL INFORMATION

12.1	Toxicity	No Data Available
	Toxicity to fish	No Data Available
	Toxicity to daphnia and other aquatic invertebrates	No Data Available
	Toxicity to Algae/Aquatic plants	No Data Available
	Toxicity to microorganisms	No Data Available
12.2	Persistence and degradability	

## Safety Data Sheet OCTENYL SUCCINIC ANHYDRIDE

Revision date :

Page: 6/7

Version : 3.0

NUMBER

### Biodegradation

No Data Available

12.3	Bio accumulative potential	No Data Available
12.4	Mobility in soil	No Data Available
12.5	Results of PBT and vPvB assessment	No Data Available
12.6	Other adverse effects	No Data Available

## 13 DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

#### Product

No Data Available

#### Contaminated packaging

No Data Available

## 14 TRANSPORT INFORMATION

### 14.1 UN number

#### ADR/RID

No Data Available

#### IMDG

No Data Available

#### IATA

No Data Available

### 14.2 UN proper shipping name

#### ADR/RID

NOT REGULATED

#### IMDG

NOT REGULATED

#### IATA

NOT REGULATED

### 14.3 Transport hazard class(es)

#### ADR/RID

No Data Available

#### IMDG

No Data Available

#### IATA

No Data Available

### 14.4 Packaging group

#### ADR/RID

No Data Available

#### IMDG

No Data Available

#### IATA

No Data Available

### 14.5 Environmental hazards

#### ADR/RID

No Data Available

#### IMDG Marine pollutant

No Data Available

#### IATA

No Data Available

### 14.6 Special precautions for user

## 15 REGULATORY INFORMATION

## Safety Data Sheet

### OCTENYL SUCCINIC ANHYDRIDE

Revision date :

Page: 7/7

Version : 3.0

NUMBER

No Data Available

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

No data available

#### 15.2 Chemical Safety Assessment

No Data Available

#### 16 OTHER INFORMATION

Month of Creation

May 2020

Month of Revision

May 2023