

Safety data sheet according to 1907/2006/EC Article 31

**SODIUM COCOYL GLUTAMATE**

Version: 5.0      Revision: 08/2015      Printing date: 05.08.15

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**\*1. Identification of the substance/mixture and of the company/undertaking**

**Product identifier**

Trade name: SODIUM COCOYL GLUTAMATE

Substance name: L-glutamic acid, N-coco acyl derivs., disodium salts Registration number: 01-2119961354-36-XXXX  
EC number: 2690851  
Index number:     -     -     -  
CAS number:         68187-30-4

**Relevant identified uses of the substance or mixture and uses advised against**

Application of the substance / the preparation  
Surfactant raw material

Recommended restriction of use  
No further relevant information available.

**Details of the supplier of the safety data sheet**

MADAR Corporation Limited  
19-20 Sandleheath Industrial Estate  
Fordingbridge  
Hampshire  
SP6 1PA

**Approved sellers**    Mystic Moments, New Directions, World of Moulds

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**\*2. Hazards identification**

**Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008**

Eye Irrit. 2  
Aquatic Chronic 3

H319  
Causes serious eye irritation.  
H412  
Harmful to aquatic life with long lasting effects.

**Classification according to Directive 67/548/EEC / 1999/45/EC**

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Xi - irritant

R36

Irritating to eyes.

#### Label elements

#### Labelling according to Regulation (EC) No

#### 1272/2008 Hazard pictograms



#### Signal word

Warning

#### Hazard statements

Causes serious eye irritation.

Harmful to aquatic life with long lasting effects.

#### Precautionary statements

Avoid release to the environment.

Wear protective gloves and eye / face protection.

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

Get medical advice / attention.

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

#### Labelling according to Directive 67/548/EEC / 1999/45/

#### EC Hazard symbols

Xi - irritant

#### R phrases

Irritating to eyes.

#### S phrases

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After contact with skin, wash immediately with plenty of water. Wear suitable gloves and eye/face protection.

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#### Other hazards

not required

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#### \*3. Composition / information on ingredients

##### Chemical characterization

Sodium cocoyl glutamate

##### Hazardous ingredients

EC/CAS REACH	Substance Haz. label	H phrases
2690851 68187-30-4 01-2119961354-36-XXXX		L-glutamic acid, N-coco acyl derivs., disodium salts  <b>H319,H412</b>



Eye Irrit. 2, Aquatic Chronic 3

> 10  
%

EC/CAS REACH	Substance Haz. label	R phrases
2690851 68187-30-4 01-2119961354-36-XXXX	Xi	L-glutamic acid, N-coco acyl derivs., disodium salts  <b>36</b>

> 10 %

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#### 4. First aid measures Description of first

##### aid measures General information

In the event of symptoms refer for medical treatment.  
Remove contaminated soaked clothing immediately and dispose of safely.

##### Inhalation

Remove the casualty into fresh air and keep him calm.

##### Skin contact

In case of contact with skin wash off immediately with plenty of water.

##### Eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

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#### Ingestion

Do not induce vomiting. Summon a doctor immediately.

**Most important symptoms and effects, both acute and delayed** No further relevant information available.

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

If swallowed, stomach should be pumped out under addition of Dimeticon.

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## 5. Firefighting measures Extinguishing

### media

Suitable extinguishing media:  
water  
alcohol-resistant foam dry powder  
carbon dioxide

### Unsuitable extinguishing media:

No further relevant information available.

### Special hazards arising from the substance or mixture

In the event of fire the following can be released: Nitrogen oxides (NO<sub>x</sub>)

### Advice for firefighters

Special protective equipment:  
Short term: filter apparatus, combination filter.

### Addition information:

Do not inhale explosion and/or combustion gases.

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## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures:

Avoid contact with eyes and skin.

### Environmental precautions:

Do not discharge into the drains/surface water/groundwaters.

### Methods and material for containment and cleaning up:

Take up with absorbent material.  
e.g. general-purpose binder  
Dispose of absorbed material in accordance with the regulations.

### Reference to other sections

Observe section 7 of the Safety Data Sheet. Observe section 8 of the Safety Data Sheet.

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Observe section 13 of the Safety Data Sheet.

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#### 7. Handling and storage Precautions for

##### safe handling

No special measures necessary.

Information about fire and explosion protection:

No special measures necessary.

General information:

Do not eat, drink, smoke or sniff while working. Wash hands before breaks and at the end of work. Observe section 6 of the Safety Data Sheet. Observe section 8 of the Safety Data Sheet.

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

Requirements to be met by storerooms and receptacles:

No special measures necessary.

Information about storage in one common storage facility:

No further relevant information available.

Further information about storage conditions:

Protect from frost.

Do not keep at temperatures above 30 °C.

##### Specific end use(s)

No further relevant information available.

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#### \*8. Exposure controls / personal protection

##### Control parameters

##### Components with occupational exposure limits to be

##### monitored

not required

##### DNEL

EC/CAS	Description of substance				
2690851	L-glutamic acid, N-coco acyl derivs., disodium salts				
68187-30-4					
01-2119961354-36-XXXX					
	DNEL (workers, dermal): chronic DNEL	systemic	60 mg/kg	1 d	
	(consumers, oral): chronic DNEL	systemic	30 mg/kg	1 d	
	(consumers, dermal): chronic	systemic	30 mg/kg	1 d	

##### PNEC

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EC/CAS	Description of substance	
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68187-30-4		
01-2119961354-36-XXXX		
	PNEC (freshwater):	0,0218 mg/l
	PNEC (marine aquatic):	0,0022 mg/l
	PNEC (freshwater sediment):	0,639 mg/kg
	PNEC (marine sediment):	0,0639 mg/kg
	PNEC (STP):	100 mg/l
	PNEC (soil):	0,115 mg/kg

#### Exposure controls

##### Appropriate engineering controls

No further relevant information available. Observe section 7 of the Safety Data Sheet.

##### Personal protective equipment Eye protection (EN 166)

goggles

##### Hand protection (EN 374)

Nitrile rubber (NBR) gloves

##### Skin protection (EN 465)

protective clothing

##### Respiratory protection (EN 141/149)

not required

##### General protective measures / hygiene measures

Observe the usual precautions when handling chemicals.

##### Environmental exposure controls

Observe section 6 of the Safety Data Sheet.  
Observe section 7 of the Safety Data Sheet.

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## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Form:	liquid
Colour:	colourless - bright yellow clear
Odour:	characteristic
Odour threshold:	not determined
pH-value: water	10 % 9,5 at 20 °c

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Melting point:	approx. -10 °c	
Boiling point:	> 100 °C	
Flash point:	> 100 °C	
Evaporation rate:	not determined	
Flammability (solid, gas):	not applicable	
Explosion limits:	not determined	
Vapour pressure:	approx. 23 mbar at 20 °c	(H20)
Vapour density:	determined	
Density:	not determined	
Solubility: water	miscible	
Partition coefficient: n-octanol/water	not applicable	
Self-ignition:	not applicable	
Decomposition temperature:	not determined	
Viscosity (dynamic):	not determined	
Explosive properties:	< 300 mPa*s at 20 °c	
Oxidising properties:	---	
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#### Other information

No further relevant information available.

#### 10. Stability and

##### reactivity Reactivity

No further relevant information available.

##### Chemical stability

No decomposition if used and stored according to specifications.

##### Possibility of hazardous reactions

No further relevant information available.

##### Conditions to avoid

No special measures necessary.

##### Incompatible materials

No special measures necessary.

##### Hazardous decomposition products

None with proper handling and storage.

#### \*11. Toxicological information

LDSO (oral): rat	> 2000 mg/kg	ATE
LDSO (dermal): rat	> 5000 mg/kg	ATE

##### - Primary irritancy

Irritant effect on eyes (OECD 405 / rabbit) Irritant: irritant  
effect on skin (OECD 404 / rabbit) slight irritant: no primary but  
effect

##### Respiratory or skin sensitisation

Non sensitizing in the maximum-dose test on guinea pigs.

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- Additional information  
No experimental evidence on genotoxicity in vitro.
  - Experiences made in practice  
Has a degreasing effect on the skin.
  - General remarks  
The product has not been tested. The information is derived from the properties of the individual components.
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#### \*12. Ecological information

##### - Data on elimination (persistence and degradability)

- Eliminability:  
> 60 % after 10 d
- Validation  
Readily biodegradable.
- General information  
This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

##### - Ecotoxic effects

LCSO: <i>Leuciscus idus</i>	> 100 mg/l	after 96 h	ATE
ECSO: <i>Daphnia</i>	> 100 mg/l	after 48 h	ATE
ECSO: <i>Desmodesmus subspicatus</i>	> 100 mg/l	after 72 h	ATE

- Behaviour in sewage treatment plants  
According to available knowledge, causes no problems in biological decomposition in sewage treatment plants.

##### - Respiratory inhibition of municipal activated

<b>sludge</b> EC20: activated sludge	≤1000 mg/l	after 3 h	ATE
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##### - General ecological information

COD value:	510 mg O <sub>2</sub> /g
DOC value:	162 mg/g

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#### 13. Disposal considerations

##### Waste treatment

##### methods

Recommendation:



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Can be taken to an incineration plant, if relevant regulations in force are being observed and, if necessary, after consulting the waste disposal agency, respectively the relevant authorities. Do not allow product to reach the drainage.

**Contaminated packaging**

Recommendation:  
Contaminated packaging should be emptied as far as possible and may be reused after appropriate cleansing.

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**14. Transport information**

**UN number**

not required

**UN proper shipping name**

not required

**Transport hazard class(es)**

not required

**Packing group**

not required

**Environmental hazards**

not required

**Special precautions for user**

not required

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

not required

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**15. Regulatory information**

**Substances of very high concern (SVHC) according to REACH, Article 57**

not required

**- Other regulations, restrictions and prohibition regulations**

- 1996/82/EC: ---
- Water hazard class (FRG): 1

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- Storage class (TRGS 510) (FRG)  
12
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#### 16. Additional information

##### - Relevant H-phrases (see item 3)

H319  
Causes serious eye irritation.

H412  
Harmful to aquatic life with long lasting effects.

##### - Relevant A-phrases (see item 3)

36  
Irritating to eyes.

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This information is based on our present state of knowledge. It should not be construed as guaranteeing specific properties of the products described or their suitability for a particular application. Existing acts and regulations must be observed by the recipient of our products under his own responsibility.