

## 1. Product and Company Identification

www.rxmarine.com

Product Name

Cocoamido Propyl Betaine 35 Percentage

Part Number

RXSOL-12-2230-200

### Company Details:

**RX MARINE INTERNATIONAL**

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## 2. Composition / Information on ingredients

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Name of Substance	Cas Number
Water	61789-40-0
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivatives, hydroxides, inner salts	61789-40-0

## 3. Hazards Identification

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Signal Word

Hazard Statements (GHS-US)

Precautionary statements - prevention (GHS-US)

Warning

H315 - Causes skin irritation H319 - Causes serious eye irritation  
P264 - Wash exposed areas. thoroughly after handling  
P280 - Wear protective gloves, protective clothing, and eye protection  
Wash with plenty of water. P305+P351+P338 - If in eyes, rinse  
minutes. Remove contact lenses, if present and easy to do so. Continue  
treatment (see section 4 on this SDS). P332+P313 - If eyes are  
advice/attention. P337+P313 - If eye irritation persists, consult a  
Take off contaminated clothing and wash it before reuse.  
contents/container in accordance with local, regional, national

## 4. First Aid Measures

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Description of First Aid Measures First-aid Measures General:

Skin Contact

Eye Contact

Inhalation:

Ingestion

Most important symptoms/effects

Never give anything by mouth to an unconscious person (show the label where possible)

Remove contaminated clothing. Drench affected area with water. Obtain medical attention if irritation develops or persists..

Rinse cautiously with water for at least 15 minutes. Remove contaminated contact lenses if they do not fall out easily. Continue rinsing. Obtain medical attention.

When symptoms occur: go into open air and ventilate yourself. If breathing difficulty persists

Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

Redness, pain, swelling, itching, burning, dryness, and discomfort.

Symptoms/Injuries After Eye Contact: Contact causes severe irritation of the conjunctiva.

Symptoms/Injuries After Ingestion: If a large quantity is ingested, vomiting, and diarrhea. Ingestion

may cause adverse effects.

If medical advice is needed, have product container or label available for reference. Obtain medical advice and attention.

Indication of Any Immediate Medical Attention and Special Treatment Needed

## 5. Fire-fighting Measures

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Flammability of the Product

Suitable extinguishing media

Unsuitable Extinguishing Media

Special Hazards Arising From the Substance or Mixture Fire Hazard

Advice for Firefighters

Other Information

Flammable.

Alcohol foam, dry chemical, carbon dioxide, water spray. Do not use surrounding fire.

Do not use a heavy water stream. Use of heavy stream may cause splashing.

Not considered flammable but may burn at high temperature. Not explosive. Reactivity: Stable at ambient temperature. No hazardous reactions will not occur under normal conditions.

Precautionary Measures Fire: Exercise caution when fighting fires.

Instructions: Exercise caution when fighting any chemical fire. Do not use exposed containers. Protection During Firefighting: Use appropriate firefighting equipment, including respiratory protection.

Do not allow run-off from fire fighting to enter drains.

## 6. Accidental Release Measures

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Personal Precautions, Protective Equipment and Emergency Procedures General Measures

For Non-emergency Personnel Protective Equipment: Use appropriate personal protection equipment (PPE). Emergency Procedures:

For Emergency Responders Protective Equipment

Environmental Precaution

Avoid breathing (vapor, mist, spray). Avoid all contact with skin and clothing.

Evacuate unnecessary personnel.

Equip cleanup crew with proper protection. Emergency responders should be trained for the scene, a first responder is expected to recognize the hazard, protect the public and the public, secure the area, and call for the assistance of a professional cleanup permit.

Prevent entry to sewers and public waters. Avoid release to the environment.

## 7. Handling and Storage

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Precautions for Safe Handling P

Wash hands and other exposed areas with mild soap and water before and when leaving work. Avoid breathing vapors, mist, or dust. Wear suitable clothing. Hygiene Measures: Do not eat, drink or smoke while handling. In accordance with good industrial hygiene and safety practices. Keep container closed when not in use. Store in a dry, well-ventilated area, away from sunlight, extremely high or low temperatures and incompatible materials. Strong acids, strong bases, strong oxidizers. Incompatible with sunlight  
Personal Care products

Storage

Specific End Use(s)

## 8. Exposure controls and personal protection

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Control Parameters

For substances listed in section 3 that are not listed here, refer to the manufacturer, supplier, importer, or the appropriate regulatory body (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).  
Emergency eye wash fountains and safety showers should be available for any potential exposure. Ensure adequate ventilation, and national/local regulations are observed.  
Gloves. Safety glasses. Protective clothing. Protective goggles.  
Wear protective gloves.  
Chemical safety goggles.  
Wear suitable protective clothing  
In case of inadequate ventilation wear respiratory protection. If eye irritation is experienced, approved respiratory protection should be used.  
When using, do not eat, drink or smoke.

Engineering Control

Personal Protection

Hand Protection

Eye Protection

Skin and Body Protection

Respiratory Protection

Other Information



Gloves Suit

## 9. Physical and chemical properties

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Form	Liquid
Colour	Colorless to pale yellow
Odor	Slight fatty
Odor Threshold	No Information Available
pH	4 - 6
Relative Evaporation Rate (butylacetate=1)	No data available
Melting Point	< -10 °C (14 °F)
Freezing Point	No data available
Boiling Point	> 100 °C (212 °F)
Flash Point	> 100 °C (212 °F)
Evaporation Rate	0.7
Flammability (solid, gas)	No data available
Explosive limits	Upper 6.7 % Lower 0.9 %
Vapour pressure	No information available
Vapour Density	No data available
Relative Density	No data available
Secific Gravity	1.045-1.065 @ 20°C
Decomposition Temperature	No information available
Partition coefficient	4.2 Log Kow
Autoignition Temperature	No data available
Solubility in Water	Water: Soluble
Viscosity	< 100 cP 30°C (Brookfield, #1, 50 rpm)
Explosive Properties	No data available
Oxidizing Properties	No data available
Explosive Limits	Not applicable
Other Information	No additional information available

## 10. Stability and reactivity

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Recativity	Stable at ambient temperature and under normal conditions of use. Hazardous reactions will not occur under normal conditions.
Stability	Product is stable
Possibility of hazardous reactions	Hazardous polymerization will not occur.
Condition to Avoid	Direct sunlight, extremely high or low temperatures, and incompatible materials
Incompatible Materials	Strong acids, strong bases, strong oxidizers.
Hazardous Decomposition Products:	Under fire conditions this material may produce hazardous carbon dioxide (CO <sub>2</sub> ), carbon monoxide (CO), various weight hydrocarbons, and smoke.

## 11. Toxicological information

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Route of Exposure	Inhalation, Eye contact, Skin contact
Eyes	Causes serious eye irritation.
Skin	Causes skin irritation.
Respiratory or Skin Sensitization:	INot classified
Germ Cell Mutagenicity:	Not classifie
Carcinogenicity	Not classifie

Reproductive Toxicity	Not classifie
Specific Target Organ Toxicity (Single Exposure)	Not classifie
Specific Target Organ Toxicity (Repeated Exposure)	Not classifie
Aspiration Hazard	Not classifie
Potential Adverse Human Health Effects and Symptoms	Based on available data, the classification criteria are not met
Symptoms/Injuries After Inhalation	Not expected to present a significant inhalation hazard under anticipated conditions of normal use. Prolonged exposure may cause irritation.
Symptoms/Injuries After Skin Contact	Redness, pain, swelling, itching, burning, dryness, and dermatitis.
Symptoms/Injuries After Eye Contact	Contact causes severe irritation with redness and swelling of the conjunctiva.
Symptoms/Injuries After Ingestion:	If a large quantity has been ingested: May cause nausea, vomiting, and diarrhea. Ingestion may cause adverse effects.

## 12. Ecological information

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Toxicity	Ecology - General : Very toxic to aquatic life. Cocoamidopropyl Betaine (61789-40-0) 1-Propanaminium N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivatives, hydroxides, inner salts (61789-40-0) LC50 Fish 1 1 (Exposure time: 96 h - Species: Brachydanio rerio) EC50 Daphnia 1 6.5 mg/l (Exposure time: 48 h - Species: Daphnia magna) Other Aquatic Organisms 1 1 (1 - 10) mg/l (Exposure time: 72 h - Species: Desmodemus subspicatus) LC 50 Fish 2 2 (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])
Persistence and Degradability	ocoamidopropyl Betaine (61789-40-0) Persistence and Degradability Not established.
Bioaccumulative Potential	Cocoamidopropyl Betaine (61789-40-0) Bioaccumulative Potential Not established.
Mobility in soil	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivatives, hydroxides, inner salts (61789-40-0) 2.8
Other Adverse Effects	Avoid release to the environment

## 13. Disposal considerations

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Waste treatment methods	Waste Disposal Recommendations: Dispose of contents according to applicable national, and international regulations. Additional precautions should be taken. Empty. Continue to observe all precautions. Ecological information: This material is hazardous to the aquatic environment.
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## 14. Transport information

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Hazard Pictograms:

UN Number	UN3082
Proper shipping name Proper Shipping Name (DOT) Class (DOT) Hazard Labels (DOT)	Environmentally hazardous substance, Miscellaneous hazard (Miscellaneous dangerous goods)
DOT Symbols	G - Identifies PSN required
Packing Group (DOT)	III - Minor Danger
DOT Special Provisions (49 CFR 172.102)	8 - A hazardous substance shipped under the
	shipping description (see 49 CFR 172.102), as

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appropriate. In addition  
applies

146 - This description  
hazard to the

environment but does  
waste or a

hazardous substance, as  
any hazard class as

defined in Part 173 of  
environmentally

hazardous by the Comp  
transit or

destination

173 - An appropriate ge

335 - Mixtures of solids

environmentally hazard  
☑Environmentally

hazardous substances,  
transported under this

entry, provided there i  
material is loaded or

at the time the packa  
transport unit must be

leak-proof when used as

IB3 - Authorized IBCs:  
(31H1 and 31H2);

Composite (31HZ1 and  
31HH2). Additional

Requirement: Only liq  
equal to 110 kPa at

50 C (1.1 bar at 122 F),  
authorized, except

for UN2672 (also see  
UN2672)

T4 - 2.65 178.274(d)(2)

TP1 - The maximum de  
of filling

determined by the follo  
tf)) Where: tr is the

maximum mean bulk te  
temperature in

degrees celsius of the li

TP29 - A portable tank

	(150.0 kPa) may
	be used provided the c based on the
	MAWP of the hazardou subchapter, where
	the test pressure is 1.5 ti
DOT Packaging Exceptions (49 CFR 173.xxx)	155
DOT Packaging Non Bulk (49 CFR 173.xxx)	203
DOT Packaging Bulk (49 CFR 173.xxx) : 241 14.3. Additional Information	241
Emergency Response Guide (ERG) Number	171
Other information	No supplementary infor
Transport by Sea DOT Vessel Stowage Location	A - The material may deck[?] on a cargo vess
EmS-No. (1)	F-A
EmS-No. (2)	S-F
Air Transport DOT Quantity Limitations Passenger	No limit
Aircraft/Rail (49 CFR 173.27) DOT Quantity Limitations Cargo Aircraft Only (49 CFR 175.75)	No limit

## 15. Regulatory information

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US Federal Regulations

Ocoamidopropyl Betaine (61789-40-0) SARA  
hazard 1-Propanaminium, 3-amino-N-(carboxy  
inner salts (61789-40-0) Listed on the United S  
(7732-18-5) Listed on the United States TSCA

US State Regulations

Neither this product nor its chemical componen

## 16. Other information

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Other Information

The information above is believed to be accurate and available to us. However, we make no warranty of implied, with respect to such information, and we should make their own investigations to determine particular purposes. In no event shall be liable for any for lost profits or any special, indirect, incidental, arising, even if **Rx Marine International** has been a

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