

# Taian Green Industry Co., Ltd.

Tel: 86-156-6659-0861

E-mail: [greenindustry@163.com](mailto:greenindustry@163.com)

Web: [www.taiangreenindustry.com](http://www.taiangreenindustry.com)

## Safety Data Sheet

Cocamidopropyl Dimethylamine

### Section 1 - Chemical Product and Company Identification

#### 1.1 Product identifier:

Product name: Cocamidopropyl Dimethylamine

CAS No. : 68140-01-2

#### 1.2 Uses of the chemical product:

Intended use: Laboratory chemicals, Manufacture of substances.

#### 1.3 Supplier identifier:

Company name: Taian Green Industry Co., Ltd

Address: Room921, Building2, Dream Valley E-commerce Industrial Park,  
Lingshan Street, Taishan District, Taian City, Shandong Province,  
China

Postcode: 271000

E-mail: [greenindustry@163.com](mailto:greenindustry@163.com)

Telephone: +86 156 6659 0861

#### 1.4 Emergency telephone:

Emergency Phone #: +86 156 6659 0861

### Section 2 - Hazards identification

#### GHS HAZARD CLASSIFICATION:

PHYSICAL: No classification.

HEALTH: Acute Oral Toxicity: Category 4 – H302: Harmful if swallowed.  
Skin corrosion/irritation: Category 1B – H314: Causes severe skin burns and eye damage.

ENVIRONMENTAL: Acute aquatic toxicity: Category 1 – H400: Very toxic to aquatic life.

#### GHS LABEL ELEMENTS:

PICTOGRAM:



SIGNAL WORD: Danger

HAZARD STATEMENTS: H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

# Taian Green Industry Co., Ltd.

Tel: 86-156-6659-0861

E-mail: [greenindustry@163.com](mailto:greenindustry@163.com)

Web: [www.taiangreenindustry.com](http://www.taiangreenindustry.com)

## PRECAUTIONARY STATEMENTS:

H400: Very toxic to aquatic life.

### PREVENTION:

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P264: Wash hands and face thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection (refer to Section 8 of this Safety Data Sheet).

### RESPONSE:

P301 + P330 + P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER or doctor / physician.

P391: Collect spillage.

### STORAGE:

P405: Store locked up.

### DISPOSAL:

P501: Dispose of contents / container in accordance with local regulations.

## EC REGULATIONS:

CLASSIFICATION [REGULATION (EC) No. 1272/2008]:

Acute toxicity (Oral): Category 4 H302: Harmful if swallowed.

Skin corrosion: Category 1B H314: Causes severe skin burns and eye damage.

Acute aquatic toxicity: Category 1 H400: Very toxic to aquatic life.

CLASSIFICATION [REGULATION 67/548/EEC; 1999/45/EC]:

– **HARMFUL (Xn)** R22: Harmful if swallowed.

– **CORROSIVE (C)** R34: Causes burns.

– **DANGEROUS FOR** R50: Very toxic to aquatic organisms.

## THE ENVIRONMENT (N)

## Section 3 - Composition/information on ingredients

Component	CAS No.	Self/EC	Classification	WT%
-----------	---------	---------	----------------	-----

# Taian Green Industry Co., Ltd.

Tel: 86-156-6659-0861

E-mail: greenindustry@163.com

Web: www.taiangreenindustry.com

	EINECS No.	Classification	Regulation(EC)No.1272/2008	
Cocamidopropyl Dimethylamine	68140-01-2 268-771-8	C;34,-Xn; 22,-N;R50	H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H400: Very toxic to aquatic life.	≥100

For the full text of the R-Phrases mentioned in this section, see Section 16.

For the full text of the H-Statements mentioned in this section, see Section 16.

## Section 4 - First aid measures

### 4.1 Description of first aid measures

**General** Obtain medical attention immediately (show this Safety Data Sheet). Burns may occur several hours after the removal of the product. Skin irritation, if untreated may be prolonged and serious (eg necrosis). This may be prevented by early treatment with medium strength corticosteroids.

**Inhalation** Provide rest, warmth and fresh air. In case of exposure: Rinse nose and mouth with water. Obtain medical attention.

**Skin** Remove immediately contaminated clothing and shoes. Wash skin immediately with 0,5 % acetic acid in water, and then with soap and water. Obtain medical attention.

**Eyes** In case of contact with eyes, rinse immediately with 0.5% acetic acid in water for a few minutes, followed by rinsing with plenty of water for as long as possible. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention immediately. Continue to rinse during transport.

**Ingestion** Only when conscious, rinse mouth, give plenty of water to drink (approx. 500 ml). Do not induce vomiting because of risk of aspiration. Seek medical advice. Obtain medical attention immediately.

## Section 5 - Firefighting measures

**Extinguishing media** Water spray, fog or mist, foam, powder, carbon dioxide.

**Unsuitable extinguishing media** Waterjet.

**Special fire fighting procedures** Treat as an oil fire. Water spray may be ineffective unless used by experienced fire fighters. Wear self contained breathing apparatus.

**Unusual fire hazards** Non-flammable. If involved in a fire it will support combustion and may decompose to give off toxic materials. Do not breathe fumes.

**Hazardous combustion products** No typical hazardous decomposition products known.

## Section 6 - Accidental release measures

**Personal precautions** For personal protection see Section 8.

**Environmental precautions** Should not be allowed to enter drains or water courses.

Dispose of this material and its container at hazardous or special waste collection point.

# Taian Green Industry Co., Ltd.

Tel: 86-156-6659-0861

E-mail: [greenindustry@163.com](mailto:greenindustry@163.com)

Web: [www.taiangreenindustry.com](http://www.taiangreenindustry.com)

**Methods for cleaning up** Contain spill with inert material. Place in container for disposal according to local regulations. Cover the remainder with inert absorbent (e.g. vermiculite) for disposal. In case of large spillages contact the local authority.

## Section 7 - Handling and storage

**Handling** The usual precautions for handling chemicals should be observed. When using do not eat, drink or smoke. Avoid spilling, skin and eye contact.

**Storage** To maintain quality: Avoid elevated temperatures. Reacts with copper, aluminium, zinc and their alloys. For further information see product information sheet.

## Section 8 - Exposure controls/personal protection

### Exposure limits

**Comments** No exposure limits have been established.

**Engineering controls** Provide eyewash station and safety shower.

### Personal protection

**Respiratory** Keep respiratory equipment available. If use conditions can generate aerosol or mist, wear suitable respiratory equipment. Wear full face mask supplied with:  
Combination filter ABEKP

**Hand** Use protective gloves made of: Neoprene or nitrile.

**Eyes** Wear tightly fitting safety goggles and full face visor or shield.

**Skin and body** Use suitable protective clothing as protection against splashing or contamination.

Launder clothes before re-use.

## Section 9 - Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Appearance** Powder

**Colour** Yellow.

**Odour** Amine like.

**Boiling point/range (°C)** >100

**Pressure (kPa)**

**Flash point (°C)** 100 - 200

**Method**

**Autoignition temperature (°C)** > 100

**pH value diluted solution 11 Conc. (%)** 1

**Solubility in water** Partly soluble.

**Solubility in other solvents** Soluble in ethanol.

(These data are typical for the product and not a specification)

## Section 10 - Stability and reactivity

**Stability** Avoid elevated temperatures. Stable under recommended storage and handling conditions (see section 7).

**Hazardous decomposition products**

# Taian Green Industry Co., Ltd.

Tel: 86-156-6659-0861

E-mail: greenindustry@163.com

Web: www.taiangreenindustry.com

No typical hazardous decomposition products known.

## Section 11 - Toxicological information

Corrosive. Harmful. Dangerous for the environment.

Causes burns. Harmful if swallowed. Very toxic to aquatic organisms.

### **Toxicological data Health effects**

**Respiratory** The inhalation of aerosols may cause irritation of the respiratory tract.

**Skin** Causes burns.

**Eyes** Causes burns. Risk of serious damage to eye.

**Ingestion** Harmful if swallowed. May cause burns in mucous membranes in throat, oesophagus and stomach.

### **Toxicological data**

LD50. oral Rat. 200 - 2000 mg/kg <sup>1)</sup>

**Toxicological information 1)** The value is estimated from tests on similar products.

## Section 12 - Ecological information

### **Ecotoxicological data**

**Ecotoxicology** Very toxic to aquatic organisms.

**Degradation** The product contains only readily biodegradable substances.

### **Ecotoxicological data**

EC50 48 hours Daphnia 0,1 - 1 mg/l <sup>1)</sup> Ref. IUCLID/ESIS

**Degradation** Readily biodegradable. >60% BOD, 28 days, Closed Bottle Test (OECD 301D). <sup>1)</sup>**Other information 1)** Literature data.

## Section 13 - Disposal considerations

**Disposal methods** Incineration is recommended. Dispose of in accordance with local authority requirements.

Nitrous gases may be formed by incineration.

**Waste category** Hazardous waste in accordance with the Council Directive 91/689/EEC of 12 December 1991 on hazardous waste.

## Section 14 - Transport information

<b>Land - Rail / Road</b>	<b>UN No.</b>	3259
<b>(RID / ADR):</b>	<b>Name and Description</b>	Amines, solid, corrosive, n.o.s.
	<b>Class or Division</b>	8
	<b>Subsidiary Risk</b>	
	<b>UN Packing Group</b>	II
	<b>Classification code</b>	C8
	<b>CEPIC number</b>	80GC8-II+III
	<b>Tremcard internal code</b>	3260
	<b>Environment Hazards</b>	Yes

# Taian Green Industry Co., Ltd.

Tel: 86-156-6659-0861

E-mail: [greenindustry@163.com](mailto:greenindustry@163.com)

Web: [www.taiangreenindustry.com](http://www.taiangreenindustry.com)

<b>Sea (IMO / IMDG):</b>	UN No.	3259
	Name and description	Amines, solid, corrosive, n.o.s
	Class or division	8
	Subsidiary risk	
	UN packing group	II
	Ems	F-A, S-B
	Marine pollutant	No
<b>Air (ICAO-IATA):</b>	UN No.	259
	Name and Description	Amines, solid, corrosive, n.o.s.
	Class or Division	8
	Subsidiary Risk	
	UN Packing Group	II
	Environment Hazards	Yes

## Section 15 - Regulatory information

<b>INVENTORY STATUS</b>	Inventory	Status
	United States (TSCA)	Y
	Canada (DSL)	Y
	Europe (EINECS/ELINCS)	Y
	Australia (AICS)	Y
	Japan (METI)	N
	South Korea (KECI)	N
	China (IECSC)	Y
	New Zealand (NZIoC)	Y
	Philippines (PICCS)	Y

Y = All ingredients are on the inventory.

E = All ingredients are on the inventory or exempt from listing.

P = One or more ingredients fall under the polymer exemption or are on the no longer polymer list. All other ingredients are on the inventory or exempt from listing.

N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing.

**NOTE** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the SDS. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

## Section 16 - Others

### FULL TEXT OF H-STATEMENTS REFERRED TO UNDER SECTIONS 2 AND 3.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H400: Very toxic to aquatic life.

# Taian Green Industry Co., Ltd.

Tel: 86-156-6659-0861

E-mail: [greenindustry@163.com](mailto:greenindustry@163.com)

Web: [www.taiangreenindustry.com](http://www.taiangreenindustry.com)

## **FULL TEXT OF P-STATEMENTS REFERRED TO UNDER SECTIONS 2.**

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P264: Wash hands and face thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection (refer to Section 8 of this Safety Data Sheet).

P301 + P330 + P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER or doctor / physician.

P391: Collect spillage.

P405: Store locked up.

P501: Dispose of contents / container in accordance with local regulations.

## **FULL TEXT OF R PHRASES REFERRED TO UNDER SECTIONS 2 AND 3.**

R phrases:

R22:Harmful if swallowed.

R34:Causes burns. R50:Very toxic to aquatic organisms.

## **REASONS FOR REVISIONS:**

NA

## **Further information**

Copyright 2018 Taian Green Industry Co.,Ltd License granted to make unlimited paper copies for internal use only. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Taian Green Industry Co.,Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.

-----End-----