

## 1. Product and Company Identification

Material name	<b>PADAMIDE-CD</b>
Revision date	26-05-2019
Chemical class	Coconut fatty acid diethanolamide
Cas No.	120-40-1
Manufacturer	Padideh Shimi Gharb Co. No.5.23dr Ave, Gandhi St, Tehran, Iran +98-21-43413000

## 2. Hazards Identification

Health hazards	
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Environmental hazards	
Hazardous to the aquatic environment, acute hazard	Category 2
Hazardous to the aquatic environment, long-term hazard	Category 3
Label elements	



Hazard statement	Causes skin irritation. Causes serious eye irritation. Suspected of causing cancer. May damage fertility or the unborn child. Toxic to aquatic life. Harmful to aquatic life with long lasting effects.
Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.
Response	If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Specific treatment (see this label). If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Store locked up.
Storage	Dispose of contents/container in accordance with local/regional/national/international regulations.
Disposal	

## 3. Composition / Information on Ingredients

Components	Percent
Cocamide DEA	>82
Diethanolamine	<4

#### 4. First Aid Measures

##### First aid procedures

###### Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.

###### Skin contact

Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a POISON CENTER or doctor/physician if you feel unwell. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

###### Inhalation

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

###### Ingestion

Call a physician if symptoms develop or persist. Rinse mouth thoroughly. Call a POISON CENTER or doctor/physician if you feel unwell. Do not induce vomiting without advice from poison control center.

###### Notes to physician

Symptoms may be delayed.

###### General advice

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

#### 5. Fire Fighting Measures

##### Flammable properties

Not flammable by OSHA criteria. Not combustible by OSHA criteria.

##### Extinguishing media

###### Suitable extinguishing media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

###### Unsuitable extinguishing media

Water. Do not use water jet as an extinguisher, as this will spread the fire.

##### Protection of firefighters

###### Specific hazards arising from the chemical

###### Protective equipment and precautions for firefighters

During fire, gases hazardous to health may be formed. Move containers from fire area if you can do so without risk.

###### Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.

#### 6. Accidental Release Measures

##### Personal precautions

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the MSDS.

##### Environmental precautions

Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

#### Methods for containment

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Collect spillage.

#### Methods for cleaning up

Ventilate the contaminated area. Extinguish all flames in the vicinity. Wear appropriate protective equipment and clothing during clean-up. Prevent product from entering drains.  
 Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Do not allow material to contaminate ground water system. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.  
 Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.  
 Never return spills to original containers for re-use. For waste disposal, see section 13 of the MSDS.

## 7. Handling and Storage

#### Handling

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Do not taste or swallow. Avoid breathing mist or vapor. Avoid contact with skin. Avoid contact with eyes. Avoid prolonged exposure. Avoid contact with clothing. Do not use in areas without adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash thoroughly after handling. Wash contaminated clothing before reuse. Avoid release to the environment. Do not empty into drains.

#### Storage

Keep away from heat, sparks and open flame. Store in original tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the MSDS).

## 8. Exposure Controls / Personal Protection

#### Engineering controls

Ensure adequate ventilation, especially in confined areas. Eye wash facilities and emergency

shower must be available when handling this product.

## Personal protective equipment

General

Use personal protective equipment as required.

Eye / face protection

Wear eye/face protection. Wear safety glasses with side shields (or goggles). Do not get in eyes.

Eye wash fountain is recommended.

Skin protection

Wear appropriate chemical resistant clothing.

Chemical resistant gloves.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

General hygiene considerations

When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical & Chemical Properties

Appearance

Clear liquid

Color

Yellow

Physical state

Liquid.

pH

9 – 11 (5% in H<sub>2</sub>O)

Freezing point

32 °F (0 °C)

Flash point

302 °F (150 °C)

Flammability limits in air, upper, % by volume

NOT APPLICABLE.

## 10. Stability & Reactivity

Chemical stability

Material is stable under normal conditions.

Conditions to avoid

Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials

Strong oxidizing agents. Strong acids.

Hazardous decomposition products

Upon decomposition, this product may yield sulfur dioxide and oxides of sulfur.

Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

## 11. Toxicological Information

Information on likely routes of exposure

Ingestion

Expected to be a low ingestion hazard.

Inhalation

Prolonged inhalation may be harmful. May cause damage to organs by inhalation.

Skin contact

Causes skin irritation

Eye contact

Causes serious eye irritation

Carcinogenicity  
Skin corrosion/irritation  
Mutagenicity

Suspected of causing cancer.  
Causes skin irritation.  
No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.  
May damage fertility or the unborn child.

Reproductive effects

## 12. Ecological Information

Ecotoxicity  
Persistence / degradability  
Bioaccumulation /  
Accumulation  
Mobility in environmental media

Toxic to aquatic life. Harmful to aquatic life with long lasting effects.  
Readily biodegradable  
No data available.  
  
No data available for this product.

## 13. Disposal Considerations

Waste codes  
  
Disposal instructions  
Waste from residues / unused products  
  
Contaminated packaging

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.  
Dispose in accordance with all applicable regulations  
Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).  
Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## 14. Transport Information

Not available

## 15. Regulatory Information

Not available

## 16. Other Information

Recommended restrictions  
NFPA ratings

For industrial use only.  
Health: 2  
Flammability: 1  
Instability: 0

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## Material Safety Data Sheet

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