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## Material Safety Data Sheet

### Cocamidopropylamine Oxide MSDS

#### Section 1: Chemical Product and Company Identification

**Product Name:** Cocamidopropylamine Oxide

**CAS#:**68155-09-9

**Synonym:** CAO

**Chemical Name:** Cocamidopropylamine Oxide

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#### Section 2: Composition and Information on Ingredients

**Composition:**

Name	CAS #	By Weight
Cocamidopropylamine Oxide	68155-09-9	28~32%

**Toxicological Data on Ingredients:** Not applicable.

#### Section 3: Hazards Identification

Specific Risks Xi Irritant

R 36/37/38 Irritating to eyes, respiratory system and skin.

#### Section 4: First Aid Measures

Inhalation: Move subject to fresh air.

Skin contact: Immediately rinse with plenty of water.

Eye contact: Immediately rinse eyes with plenty of water. If irritation persists, consult an eye specialist.

Ingestion: If swallowed, dilute by drinking water and call a doctor.

#### Section 5: Fire and Explosion Data

Extinguishing media: Water spray, foam, Carbon dioxide (CO<sub>2</sub>).

Unsuitable media: None known

Specific hazards: None known.

Protective equipment: Wear protective suit.

#### Section 6: Accidental Release Measures

Personal precautions: Isolate spill or leak. Ventilate closed spaces before entering.

Personal protection: Wear protective gloves and safety goggles.

Environmental precautions: N.A

Methods for cleaning up: Absorb and contain spill with inert material (sand, earth etc.) and transfer to containers for disposal in accordance with local regulations.

#### Section 7: Handling and Storage

Handling: Avoid contact with skin and eyes.

Storage: Avoid freezing or excessive heat. Keep the container tightly closed and in a cool well ventilated place.

#### Section 8: Exposure Controls/Personal Protection

General protective measures: Use in ventilated area. Avoid contact with eyes and skin. Maintain general industrial hygiene.

Hand protection: Wear protective gloves.

Eye protection: Use splash proof safety goggles.

Skin protection: Protective work clothing.

#### Section 9: Physical and Chemical Properties

Appearance	Clear liquid
Odor	Characteristic
pH 10%	6 - 8
Melting point	-
Boiling point	> 100°C
Flash point	N.A
Relative density gr/ml 20°C	1
Solubility in water	Miscible (in all proportions)

Explosive properties

N.A

### Section 10: Stability and Reactivity Data

Conditions to avoid Stable under normal conditions.

Materials to avoid Strong Oxidizing agent

Hazardous decomposition oxides of nitrogen and ammonia.

### Section 11: Toxicological Information

Inhalation Slightly toxic orally

Skin Repeated or prolonged contact may cause slight irritation to the skin.

Eye May cause irritation to the eye.

Oral LD50 in rats 500-5000 mg/kg

### Section 12: Ecological Information

Persistence / Degradability Readily biodegradable

Ecotoxicity No data are available

### Section 13: Disposal Considerations

Product Do not allow product to reach sewage system.

Uncleaned packaging Dispose of according to local authority regulations.

### Section 14: Transport Information

UN No -

ADR / RID Not classified

ICAO/IATA Not classified

IMDG Not classified

### Section 15: Other Regulatory Information

Classifications/symbols

Risk phrases R 36/37/38 Irritating to eyes, respiratory system and skin. Safety phrases S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 37/39 Wear suitable gloves and eyes/face protection.

### Section 16: Other Information

**References:** Not available.

**Other Special Considerations:** Not available.

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