

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

PRODUCT NAME: **Cocamide DEA**

PRODUCT CODE: **70344**

SUPPLIER The Soap Kitchen, Unit 2e Hatchmoor Ind/Est, Torrington, EX38 7HP

Emergency Contact: Mr Richard Phillips. Tel: 01805 622944

2. COMPOSITION / INFORMATION ON INGREDIENTS.

DEFINITION/BOTANICAL ORIGIN: A non-ionic surfactant.

Status: Artificial IFRA: not restricted Application: Personal care

Preservatives: Nil

Chemical components: Coconut diethanolamide* > 90%, Diethanolamine** 1 – 5%

CAS no: 68603-42-9*, 11-42-2**

EINECS: 271-657-0*, 203-868-0**

INCI Name: Cocamide DEA

3. HAZARDS IDENTIFICATION:

Xi - Irritant

4. FIRST-AID MEASURES:

INHALATION: Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

EYE CONTACT: Rinse immediately with plenty of water for at least 15 minutes. Contact a doctor if symptoms persist.

SKIN CONTACT: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

INGESTION: Rinse mouth out with water. Seek medical advice **immediately**.

OTHER: When assessing action take Risk & Safety Phrases into account (Section 15)

5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA RECOMMENDED: Use CO₂, Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

SPECIAL MEASURES: Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

EXTINGUISHING PROCEDURES: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6. ACCIDENTAL RELEASE MEASURES.

PERSONAL PRECAUTIONS: Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.

ENVIRONMENT PRECAUTIONS: Keep away from drains, soils, surface & ground waters.

CLEANING UP METHODS FOR SPILLAGES: Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe state,

Cocamide DEA

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federal & local disposal regulations.

7. HANDLING & STORAGE.

PRECAUTIONS IN HANDLING:	Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
STORAGE CONDITIONS:	Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.
FIRE PROTECTION:	Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

RESPIRATORY PROTECTION:	Avoid breathing product vapour. Apply local ventilation where possible.
VENTILATION:	Ensure good ventilation of working area.
HAND PROTECTION:	Avoid all skin contact. Use chemically resistant gloves if required.
EYE PROTECTION:	Use safety glasses.
WORK/HYGIENE PRACTICES:	Wash hands with soap & water after handling.
OEL:	13mg/m ³ (3ppm) (Due to 2,2'-iminodiethanol) *

* From literature

9. PHYSICAL & CHEMICAL PROPERTIES.

APPEARANCE:	Clear liquid, viscous
COLOUR:	Yellow
FLASH POINT (°C):	>94
pH (10g/l Water):	9 – 10
SPECIFIC GRAVITY (g/cm ³):	0.9500 – 1.000
SOLUBILITY IN WATER:	Insoluble/ dispersable

10. STABILITY & REACTIVITY.

REACTIVITY:	It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents and copper.
DECOMPOSITION:	Liable to cause smoke & acrid fumes during combustion: Nitrous oxides, carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

11. TOXICOLOGICAL INFORMATION.

Oral (Rat) LD₅₀ 1600mg/kg *

Dermal (Rabbit) LD₅₀ 12200mg/kg *

* From Literature

12. ECOLOGICAL INFORMATION.

BIODEGRADABILITY:	Biodegradable – Surfactant complies with EC Regulation 648/2004 on detergents. *
PRECAUTIONS:	Prevent surface contamination of soil, ground & surface water.

* From Literature

13. DISPOSAL CONSIDERATIONS.

Avoid disposing to drainage systems and into the environment. Seek expert advice.

14. TRANSPORT REGULATIONS.

Road (ADR/RID): n/a
Air (IATA/ICAO): n/a
SEA (IMDG): n/a
CHIP: See section 15

15. REGULATORY INFORMATION.

HAZARDS: Irritant
SYMBOLS: Xi
RISK PHRASES: R 38 Irritating to skin
R41 Risk of serious damage to eyes
SAFETY PHRASES: S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S28 After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water
S37/39 Wear suitable gloves and eye/face protection

16. OTHER INFORMATION.

Cosmetics Directive 7th Amendment: Not restricted

PACKAGING:

Type	Suitability
Glass	Yes
Mild steel	No
Stainless steel	Yes
HPPE	Yes
F/HDPE	Yes
Other plastic	Yes

SHELF LIFE

When stored within advised conditions re-test after 12 months, then at 6 monthly intervals up to a maximum shelf life of 36 months.

Q.C. REQUIREMENTS.

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.