

Safety Data Sheet (SDS / MSDS)

Diethanolamine (DEA) · CAS 111-42-2 · C₄H₁₁NO₂

SAFETY DATA SHEET (DRAFT) - Diethanolamine (DEA)

SECTION 1: IDENTIFICATION

Product Name: Diethanolamine

CAS No: 111-42-2

Supplier: Moonarc FZCO, Dubai, UAE

SECTION 2: HAZARD IDENTIFICATION

GHS Classification:

- Acute Toxicity, Oral (Category 4)
- Skin Irritation (Category 2)
- Serious Eye Damage (Category 1)
- Carcinogenicity (Category 2)
- Specific Target Organ Toxicity - Repeated Exposure (Category 2) - Liver, Kidney, Blood

Signal Word: DANGER

SECTION 3: COMPOSITION

Component: Diethanolamine >99.0%

SECTION 4: FIRST AID MEASURES

- Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses. Continue rinsing. Seek immediate medical attention.
- Skin Contact: Wash with plenty of soap and water. Seek medical advice if irritation persists.
- Ingestion: Rinse mouth. Do NOT induce vomiting. Call a Poison Center/doctor.

SECTION 5: FIRE-FIGHTING MEASURES

- Extinguishing Media: Water spray, alcohol-resistant foam, dry chemical, or CO₂.
- Special Hazards: Carbon oxides, Nitrogen oxides (NO_x) produced on combustion.

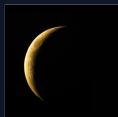
SECTION 6: ACCIDENTAL RELEASE MEASURES

Prevent further leakage. Soak up with inert absorbent material. Dispose of as hazardous waste. Prevent discharge into drains.

SECTION 7: EXPOSURE CONTROLS

TWA: 1 mg/m³ (Inhalable fraction and vapor). Use local exhaust ventilation.

Disclaimer: This is a draft SDS for informational purposes. Consult the official Moonarc SDS before use.



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EMAIL

info@themoonarc.com

WEBSITE

themoonarc.com

INSTAGRAM

instagram.com/themoonarcfzco

Global offices

UNITED ARAB EMIRATES

The Moonarc FZCO

101, A2 Building, IFZA Dubai Silicon Oasis, Dubai. P.O
Box 342001

INDIA

Moon Arc

B-39 1st Floor, DDA Shed, Okhla Phase II, New
Delhi-110020

UZBEKISTAN

Lunar Kimyo Impeks

Samarkand, Uzbekistan

WEST AFRICA

Arc Lunaire Commerce

Togo, West Africa

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info@themoonarc.com • themoonarc.com