

SECTION-1: Identification of the substance / mixture and the company / undertaking

| | |
|-----------------------------|---|
| Catalogue Number | CS-T-55426 |
| Product Name | Aminoacetaldehyde Dimethyl Acetal |
| CAS No. | 22483-09-6 |
| Category | Intermediate |
| Synonyms | Acetaldehyde, amino-, dimethyl acetal (8Cl) 2,2-DIMETHOXYETHAN-1-AMINE MFCD00008135 Glycinal Dimethyl Acetal 2,2-dimethoxy-ethylamine |
| Brand | Clearsynth Labs Ltd. |
| Identified uses | Laboratory Chemicals |
| Uses advised against | Not available |
| Company | Clearsynth Labs Ltd. Mumbai, India |
| Emergency Phone # | +91-22-245045900 |
| REACH No. | Not available |

SECTION 2: Hazards identification

Disclaimer: This is sample MSDS. Please email sales@clearsynth.com for more details.

2.1 Classification of the substance or mixture-Regulation (EC) No 1272/2008:

Not available

2.2 Label Elements

Signal Word: Warning



Hazard Statement(s)

| Code | Statement |
|------|---------------|
| H226 | Not available |

| | |
|------|---------------|
| H314 | Not available |
|------|---------------|

Precautionary Statement(s)

| Code | Statement |
|----------------|---|
| P210 | Not available |
| P233 | Not available |
| P240 | Not available |
| P241 | Not available |
| P242 | Not available |
| P243 | Not available |
| P260 | Not available |
| P264 | Wash hands thoroughly after handling. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P301+P330+P331 | Not available |
| P302+P361+P354 | Not available |
| P303+P361+P353 | Not available |
| P304+P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| P305+P354+P338 | Not available |
| P316 | Not available |
| P321 | Specific treatment (see ... on this label). |
| P363 | Not available |
| P370+P378 | Not available |
| P403+P235 | Not available |
| P405 | Store locked up. |
| P501 | Dispose of contents/container in accordance with local/regional/national/international regulation |

SECTION 3: Composition / information on ingredients

3.1 Substance

Component : Aminoacetaldehyde Dimethyl Acetal

CAS Number : 22483-09-6

Molecular Formula : C₄H₁₁NO₂

Molecular Weight : 105.14

Parent Chemical : -

Synonyms : Acetaldehyde, amino-, dimethyl acetal (8CI)

2,2-DIMETHOXYETHAN-1-AMINE

MFCD00008135

Glycinal Dimethyl Acetal

2,2-dimethoxy-ethylamine

Concentration : Not available

SECTION 4: First aid measures

SECTION 4: First-aid measures

4.1 Description of first aid measures

General advice: Seek medical attention if symptoms persist or if you feel unwell. Show this SDS to the physician in attendance.

Inhalation: Remove person to fresh air. If breathing is difficult, seek medical attention.

Skin contact: Wash with plenty of soap and water. Remove contaminated clothing and wash before reuse. Seek medical attention if irritation develops.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention.

Ingestion: Rinse mouth. Do NOT induce vomiting unless directed by medical personnel. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Not available.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Not available.

SECTION 5: Firefighting measures

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media: Use extinguishing measures appropriate to local circumstances and the surrounding environment (e.g., water spray, alcohol-resistant foam, dry chemical, carbon dioxide).

Unsuitable extinguishing media: Not available.

5.2 Special hazards arising from the substance or mixture

Specific hazards: Not available.

Hazardous combustion products: Not available.

5.3 Advice for firefighters

Wear self-contained breathing apparatus (SCBA) and full protective gear. Cool containers exposed to fire with water spray. Prevent fire-fighting water from entering drains or waterways.

SECTION 6: Accidental release measures

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing vapors/mist. Avoid contact with skin and eyes. Ensure adequate ventilation. Use appropriate personal protective equipment.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Avoid release to the environment. Prevent entry into drains, sewers, or waterways.

6.3 Methods and material for containment and cleaning up

Contain spill. Absorb with inert material (e.g., sand, silica gel, universal binder). Collect into suitable, labeled containers for disposal. Clean contaminated area with water and detergent as appropriate.

6.4 Reference to other sections

For personal protective equipment see Section 8. For disposal considerations see Section 13.

SECTION-7: Handling and storage

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes, and clothing. Avoid breathing vapors/mist. Use only with adequate ventilation. Keep container tightly closed when not in use.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated place. Keep container tightly closed. Protect from moisture and heat. Incompatible materials: Not available.

7.3 Specific end use(s)

Intermediate. Not available.

SECTION 8: Exposure controls / personal protection

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits: Not available.

Biological limit values: Not available.

8.2 Exposure controls

Engineering controls: Provide adequate ventilation. Use local exhaust where appropriate.

Personal protective equipment (PPE):

- Eye/face protection: Safety glasses with side shields or chemical splash goggles.
- Skin protection: Protective gloves (material not available). Wear protective clothing as needed.
- Respiratory protection: If ventilation is inadequate, use appropriate respiratory protection (type not available).
- Hygiene measures: Wash hands thoroughly after handling. Do not eat, drink, or smoke when using this product.

Remove contaminated clothing and wash before reuse.

Environmental exposure controls: Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| Test | Result |
|-------------|-------------------|
| Appearance | No data available |
| IR spectrum | No data available |
| pH | No data available |
| Solubility | No data available |

| Property | Value |
|--|-------------------|
| a) Physical State | No data available |
| b) Color | No data available |
| c) Odor | No data available |
| d) pH | No data available |
| e) Vapour Pressure | No data available |
| f) Viscosity | No data available |
| g) Initial Boiling Point and boiling range | No data available |
| h) Melting Point / Freezing Point | No data available |
| i) Auto Ignition Temperature | No data available |
| j) Flash Point | No data available |
| k) Explosion Limit, Lower | No data available |
| l) Explosion Limit, Upper | No data available |
| m) Decomposition Temperature | No data available |
| n) Loss on Drying | No data available |
| o) Relative Density | No data available |
| p) Solubility (in DMSO) | No data available |
| q) Oxidizing Properties | No data available |

SECTION 10: Stability and reactivity

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10.1 Reactivity

Not available.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Not available.

10.4 Conditions to avoid

Heat, flames, sparks. Other conditions: Not available.

10.5 Incompatible materials

Not available.

10.6 Hazardous decomposition products

Not available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- Acute toxicity: No data available.
- Skin corrosion/irritation: No data available.
- Serious eye damage/eye irritation: No data available.
- Respiratory or skin sensitization: No data available.
- Germ cell mutagenicity: No data available.
- Carcinogenicity: No data available.
- Reproductive toxicity: No data available.
- STOT-single exposure: No data available.
- STOT-repeated exposure: No data available.
- Aspiration hazard: No data available.

Likely routes of exposure

- No data available.

Symptoms related to the physical, chemical and toxicological characteristics

- Not available.

SECTION 12: Ecological information

SECTION 12: Ecological information

12.1 Toxicity

Not available.

12.2 Persistence and degradability

Not available.

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil

Not available.

12.5 Results of PBT and vPvB assessment

Not available.

12.6 Endocrine disrupting properties

Not available.

12.7 Other adverse effects

Not available.

SECTION 13: Disposal considerations

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of contents/container in accordance with local/regional/national/international regulations. Do not discharge to drains or the environment.

Waste treatment: Not available.

Contaminated packaging: Dispose of as unused product unless adequately cleaned.

SECTION 14: Transport information

SECTION 14: Transport information

14.1 UN number

Not available.

14.2 UN proper shipping name

Not available.

14.3 Transport hazard class(es)

Not available.

14.4 Packing group

Not available.

14.5 Environmental hazards

Not available.

14.6 Special precautions for user

Not available.

14.7 Transport in bulk according to IMO instruments

Not available.

SECTION 15: Regulatory information

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Not available.

15.2 Chemical safety assessment

Not available.

SECTION 16: Other information

SECTION 16: Other information

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CAS No.: 22483-09-6

Synonyms: Acetaldehyde, amino-, dimethyl acetal (8CI); 2,2-Dimethoxyethan-1-amine; MFCD00008135; Glycinal Dimethyl Acetal; 2,2-dimethoxy-ethylamine

Supplier: Clearsynth Labs Ltd., Mumbai, India

Emergency phone: +91-22-245045900

Revision date: Not available.

Further information: The information provided is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Not available.

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