

MATERIAL SAFETY DATA SHEET

OXALYL DIHYDRAZIDE 99% AR

CAS NO. : 996-98-5

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: OXALYL DIHYDRAZIDE 99% AR

CAS#: 996-98-5

C.I. No.: Not available.

Synonym: Oxaldihydrazide.; Oxalic acid hydrazide

Chemical Name: OXALYL DIHYDRAZIDE 99% AR

Chemical Formula: (CO.NH.NH)₂

Brand: OXFORD

Details Of The Supplier Of The Safety Data Sheet:

Company identification: **OXFORD LAB FINE CHEM LLP**
Unit. No. 12, 1st Floor, Neminath Industrial Estate No. 6,
Navghar, Vasai (East). Palghar - 401 210.
Mumbai, Maharashtra, INDIA.
Tel: 91-250-2390989
Tel/Fax: 91-250-2390032

Section 2: Composition and Information on Ingredients

Component	CAS-No	Weight %
Ethanedioic acid, dihydrazide	996-98-5	98%

Section 3: Hazards Identification

Classification of the substance or mixture

Classification under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Other hazards : None identified

Section 4: First Aid Measures

Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

Remove from exposure, lie down. Move to fresh air. If not breathing, give artificial respiration. Obtain medical attention.

In case of skin contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Obtain medical attention.

In case of eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

If swallowed

Clean mouth with water. Get medical attention.

Indication of any immediate medical attention and special treatment needed

No data available

Section 5: Fire and Explosion Data

Extinguishing media

Suitable extinguishing media

Water spray. Carbon dioxide (CO₂). Dry chemical. Chemical foam

Special hazards arising from the substance or mixture

Keep product and empty container away from heat and sources of ignition

Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Hazardous Combustion Products

Nitrogen oxides (NO_x) Carbon monoxide (CO) Carbon dioxide (CO₂)

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment.

Environmental precautions

No information available.

Methods and materials for containment and cleaning up

Sweep up or vacuum up spillage and collect in suitable container for disposal.

Section 7: Handling and Storage

Precautions for safe handling

Avoid contact with skin and eyes. Do not breathe dust. Use only in area provided with appropriate exhaust ventilation

Conditions for safe storage, including any incompatibilities

Keep in a dry, cool and well-ventilated place. Keep container tightly closed.

Section 8: Exposure Controls/Personal Protection

Control parameters

Exposure controls

Eye/face Protection

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin and body protection

Wear appropriate protective gloves and clothing to prevent skin exposure.

Respiratory Protection

No protective equipment is needed under normal use conditions.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

a) Appearance Form	: Off-white powder.
b) Odour	: No data available.
c) Odour threshold	: No data available.
d) pH	: Neutral.
e) Melting point/range	: 239 - 243 °C / 462.2 - 469.4 °F
f) Initial boiling point and boiling range	: No data available.
g) Autoignition temperature	: No data available.
h) Flammability (solid, gas)	: No data available.
i) Upper/lower flammability or explosive limits	: No data available.
j) Flash point [°C]	: No data available.
k) Evaporation rate	: No data available.
l) Vapour pressure	: No data available.
m) Vapour density	: No data available.
n) Relative density,	: No data available.
o) Solubility in water	: No data available.
p) Viscosity	: No data available.
q) Explosive properties	: No data available.
r) Oxidising properties	: No data available.
s) Decomposition temperature	: No data available.
t) Autoignition temperature	: No data available.
u) Molecular Weight	: No data available.

Section 10: Stability and Reactivity Data

Reactivity : None known, based on information available

Chemical stability : Stable under recommended storage conditions.

Possibility of hazardous reactions : No data available.

Conditions to avoid : Incompatible products.

Incompatible materials : Strong oxidizing agents.

Hazardous decomposition products

Section 11: Toxicological Information

Product Information

No acute toxicity information is available for this product

Information on toxicological effects

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

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

No data available

Additional Information

No data available

Section 12: Ecological Information

Ecotoxicity: Do not empty into drains.

Persistence - degradability : Soluble in water Persistence is unlikely based on information available.

Bioaccumulative potential : Not established.

Mobility : Will likely be mobile in the environment due to its water solubility.

Section 13: Disposal Considerations

Waste treatment methods

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

Section 14: Transport Information

Land transport (ADR-RID)

General information : Not regulated.

Sea transport (IMDG) [English only]

General information : Not regulated.

Air transport (ICAO-IATA) [English only]

General information : Not regulated.

Section 15: Other Regulatory Information

U.S. Federal Regulations

TSCA 12(b): Not applicable

SARA 313: Not applicable

SARA 311/312 Hazard Categories: See section 2 for more information

CWA (Clean Water Act): Not applicable

Clean Air Act: Not applicable

OSHA : Occupational Safety and Health Administration: Not applicable

CERCLA: Not applicable

California Proposition 65: This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations: Not applicable

U.S. Department of Transportation

Reportable Quantity (RQ): N

Section 15: Other Regulatory Information (Continued)

DOT Marine Pollutant N

DOT Severe Marine Pollutant N

U.S. Department of Homeland Security: This product does not contain any DHS chemicals.

Other International Regulations

Mexico – Grade: No information available

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

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