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

Catalogue Number	CS-ED-42145
Product Name	O-Methyl Hydroxylamine
CAS No.	67-62-9
Category	Building Blocks
Synonyms	Methoxylamine O-Methylhydroxylamine
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:

Acute toxicity (Category 4)

2.2 Label Elements

Signal Word: Warning



Hazard Statement(s)

Code	Statement
H302+H312+H332	Harmful if swallowed. Harmful in contact with skin. Harmful if inhaled.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.

H314	Not available
H318	Causes serious eye damage.
H332	Harmful if inhaled.

Precautionary Statement(s)

Code	Statement
P260	Not available
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P264+P265	Not available
P270	Not available
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P317	Not available
P301+P330+P331	Not available
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
P302+P361+P354	Not available
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P354+P338	Not available
P316	Not available
P317	Not available
P321	Specific treatment (see … on this label).
P330	Not available
P362+P364	Take off contaminated clothing and wash it before reuse.
P363	Not available
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulatio

SECTION 3: Composition / information on ingredients

3.1 Substance

Component : O-Methyl Hydroxylamine

CAS Number : 67-62-9
Molecular Formula : CH5NO
Molecular Weight : 47.06
Parent Chemical : .
Synonyms : Methoxylamine
O-Methylhydroxylamine
Concentration : Not available

SECTION 4: First aid measures

Not available

SECTION 5: Firefighting measures

Not available

SECTION 6: Accidental release measures

Not available

SECTION-7: Handling and storage

Not available

SECTION 8: Exposure controls / personal protection

Not available

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

Property	Value
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

Not available

SECTION 11: Toxicological information

11.1 Information on toxicological effects
- Acute toxicity: No data available.
- Skin corrosion/irritation: ...CORROSIVE TO SKIN & HIGHLY IRRITANT TO EYES & MUCOUS MEMBRANES... /HYDROXYLAMINE/ ...CORROSIVE TO SKIN & HIGHLY IRRITANT TO EYES & MUCOUS MEMBRANES. REPEATED EXPOSURE MAY ENHANCE ALLERGIC REACTION PARTICULARLY OF BACK OF HANDS & FOREARMS FROM 1-2 WK TO 2-5 YR AFTER COMMENCEMENT OF EXPOSURE & CASES OF ECZEMA...FOLLOWING PROLONGED CONTACT. ... NO CASES OF SYSTEMIC POISONING...IN WORKERS. /HYDROXYLAMINE/
- Serious eye damage/eye irritation: No data available.
- Respiratory or skin sensitization: No data available.
- Germ cell mutagenicity: O-METHYLHYDROXYLAMINE (2000 MCG/ML) INDUCED RESISTANCE MUTATION TO 8-AZAGUANINE. IT IS HIGHLY POTENT MUTAGEN FOR MICROORGANISMS AS WELL AS FOR MAMMALIAN

CELLS. REPLICATION OF PHAGE MS2 IN PRESENCE OF O-METHYLHYDROXYLAMINE (MUTAGENESIS IN VIVO) INCR REVERSION FREQUENCY OF 2 AMBER MUTATIONS IN MATURATION PROTEIN. PROBABLE MODE OF MUTAGENIC ACTION INVOLVES ENZYMATIC FORMATION OF MODIFIED PRECURSORS & INCORPORATION INTO RNA.
- Carcinogenicity: No data available.
- Reproductive toxicity: No data available.
- STOT-single exposure: No data available.
- STOT-repeated exposure: ...CORROSIVE TO SKIN & HIGHLY IRRITANT TO EYES & MUCOUS MEMBRANES. REPEATED EXPOSURE MAY ENHANCE ALLERGIC REACTION PARTICULARLY OF BACK OF HANDS & FOREARMS FROM 1-2 WK TO 2-5 YR AFTER COMMENCEMENT OF EXPOSURE & CASES OF ECZEMA...FOLLOWING PROLONGED CONTACT. ... NO CASES OF SYSTEMIC POISONING...IN WORKERS. /HYDROXYLAMINE/ /HIGH CONCN/ IN ANIMALS...CAUSES CONVULSIONS FOLLOWED BY PARALYSIS & DEATH FROM CESSATION OF BREATHING... CHRONIC ABSORPTION OF MODERATE DOSES (1 MG/KG) MAY LEAD TO SLIGHT ANEMIA. /HYDROXYLAMINE/
- 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

Not available

SECTION 13: Disposal considerations

Not available

SECTION 14: Transport information

Not available

SECTION 15: Regulatory information

Not available

SECTION 16: Other information

Not available

DISCLAIMER

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