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

Catalogue Number	CS-T-26204
Product Name	Hexamethylphosphoric Triamide
CAS No.	680-31-9
Category	Fine Chemicals
Synonyms	Hexamethylphosphoramide
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:

Skin irritation (Category 2)

2.2 Label Elements

Signal Word: Warning

Hazard Statement(s)

Code	Statement
H340	Not available
H350	Not available
H303	Not available
H313	Not available

H315	Causes skin irritation.
H351	Not available
H361	Not available
H371	Not available
H372	Not available
H373	Not available

Precautionary Statement(s)

Code	Statement
P203	Not available
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P318	Not available
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulatio
P260	Not available
P264	Wash hands thoroughly after handling.
P270	Not available
P301+P317	Not available
P302+P317	Not available
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
P308+P316	Not available
P319	Get medical help if you feel unwell.
P321	Specific treatment (see … on this label).
P332+P317	If skin irritation occurs: Get medical help.
P362+P364	Take off contaminated clothing and wash it before reuse.

SECTION 3: Composition / information on ingredients

3.1 Substance

Component : Hexamethylphosphoric Triamide
CAS Number : 680-31-9
Molecular Formula : C6H18N3OP
Molecular Weight : 179.20

Parent Chemical : .
Synonyms : Hexamethylphosphoramide
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
b) Color	No data available
c) Odor	No data available

Property	Value
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: For more Non-Human Toxicity Excerpts (Complete) data for HEXAMETHYLPHOSPHORAMIDE (13 total), please visit the HSDB record page.
- 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 INCR IN CHROMOSOMAL ABERRATIONS WERE OBSERVED IN CHINESE HAMSTER LUNG CELLS TREATED IN CULTURE WITH 0.05 MOLAR HEXAMETHYLPHOSPHORAMIDE FOR 2 HR OR IN VICIA FABA SEEDLINGS TREATED FOR 24 HR WITH 0.1 MOLAR SOLN. THESE RESULTS ARE IN CONTRAST TO OBSERVATIONS OF CHROMOSOME ABERRATIONS IN INSECTS. IP INJECTION OF 15 MG/KG BODY WT TO MICE DID NOT INCREASE THE FREQUENCY OF ABERRATIONS IN CHROMOSOMES TAKEN FROM BONE MARROW AT INTERVALS FROM 15 MIN TO 144 HR AFTER INJECTION.
- Carcinogenicity: Suggestive evidence of carcinogenic potential Evaluation: No epidemiological data relevant to the carcinogeniciy of hexamethylphosphoramide were available. There is sufficient evidence in experimental animals for the carcinogenicity of hexamethylphosphoramide. Overall evaluation: Hexamethylphosphoramide is possibly

carcinogenic to humans (Group 2B).
- Reproductive toxicity: RATS RECEIVING 6 CONSECUTIVE ORAL DAILY DOSES OF 500 MG/KG BODY WT REMAINED STERILE FOR UP TO 23 WK AFTER TREATMENT, WITH REDN IN WT OF TESTES & DESTRUCTION OF GONADAL CELLS. ... WHEN RATS WERE GIVEN DAILY DOSES OF 200 MG/KG BODY WT/DAY FROM DAY 7-20 OF PREGNANCY, NO ABNORMALITIES WERE DETECTED IN OFFSPRING.
- 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

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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