

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

Catalogue Number	CS-T-43565
Product Name	1,2,4,5-Tetrachloro-3-nitrobenzene
CAS No.	117-18-0
Category	Pesticide Standards
Synonyms	Not available
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	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H400	Not available
H410	Not available

Precautionary Statement(s)

Code	Statement
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P270	Not available
P272	Not available
P273	Not available
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P317	Not available
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
P321	Specific treatment (see ... on this label).
P330	Not available
P333+P317	Not available
P362+P364	Take off contaminated clothing and wash it before reuse.
P391	Not available
P501	Dispose of contents/container in accordance with local/regional/national/international regulation

SECTION 3: Composition / information on ingredients

3.1 Substance

Component : 1,2,4,5-Tetrachloro-3-nitrobenzene

CAS Number : 117-18-0

Molecular Formula : -

Molecular Weight : -

Parent Chemical : -

Synonyms : Not available

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
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

Property	Value
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: /OTHER TOXICITY INFORMATION/ Occupational dermal sensitivity has been reported in agricultural workers. For more Non-Human Toxicity Excerpts (Complete) data for TECNAZENE (11 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 data available.
- Carcinogenicity: /LABORATORY ANIMALS: Chronic Exposure or Carcinogenicity/ In a 2 year study, groups of beagle dogs (2 males and 2 females per group; controls: 1 male and 1 female) were treated orally (by capsule) with 0, 3.75, 15, 60, or 240 mg tecnazene/kg body weight per day, for 6 days a week. At the 240 mg level, all animals died within the first year of the study, and microscopic changes were observed in liver, kidney, and bone marrow. Growth was normal in all animals at 60 mg/kg, and the clinical chemistry was normal at 15 mg/kg.
- Reproductive toxicity: No data available.
- STOT-single exposure: No data available.
- STOT-repeated exposure: /LABORATORY ANIMALS: Subchronic or Prechronic Exposure/ Tecnazene at 2,000 mg/kg, fed to rats /(strain, sex, age, etc not given)/ for 10 weeks, did not have any effects on the general health, blood picture, autopsy findings, and histological pictures of the liver and kidney. Increased liver and testes weights were observed in the males (no other details reported). /LABORATORY ANIMALS: Subchronic or Prechronic Exposure/ Groups of pigs (2 per group) were fed tecnazene at 0, 120, 800, or 1,200 mg/kg of potatoes for 26 weeks (1200 mg/kg, equivalent to 7.1 g tecnazene/pig per day or 50 mg/kg body weight). Reduced body weight gains were observed in the first half of the study for the animals in the highest dose group. General health, and results of hematological tests, and gross and microscopic examination of the liver and kidney were not affected.
- Aspiration hazard: No data available.

Likely routes of exposure

- No data available.

Symptoms related to the physical, chemical and toxicological characteristics

- /LABORATORY ANIMALS: Subchronic or Prechronic Exposure/ Tecnazene at 2,000 mg/kg, fed to rats /(strain, sex, age, etc not given)/ for 10 weeks, did not have any effects on the general health, blood picture, autopsy findings, and histological pictures of the liver and kidney. Increased liver and testes weights were observed in the males (no other details reported).

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

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