

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

Catalogue Number	CS-ED-24607
Product Name	2-(3-Chlorophenoxy)propionic acid
CAS No.	101-10-0
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:

- Skin irritation (Category 2)
- Serious eye damage/eye irritation (Category 2)
- Acute toxicity (Category 4)

2.2 Label Elements

Signal Word: Warning



Hazard Statement(s)

Code	Statement
H302	Harmful if swallowed.
H315	Causes skin irritation.

H319	Causes serious eye irritation.
H335	Not available

Precautionary Statement(s)

Code	Statement
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
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present.
P319	Get medical help if you feel unwell.
P321	Specific treatment (see ... on this label).
P330	Not available
P332+P317	If skin irritation occurs: Get medical help.
P337+P317	If eye irritation persists: Get medical help.
P362+P364	Take off contaminated clothing and wash it before reuse.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 3: Composition / information on ingredients

3.1 Substance

Component : 2-(3-Chlorophenoxy)propionic acid

CAS Number : 101-10-0

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

Property	Value
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: /SIGNS AND SYMPTOMS/ Generally low systemic toxicity, May contain dioxins as contaminants, which have caused chloracne and neurologic damage to chemical plant workers; causes headache, dizziness.

/Chlorophenoxy compounds; from table/ For more Human Toxicity Excerpts (Complete) data for 2-(3-CHLOROPHENOXY)PROPIONIC ACID (14 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: Classification of carcinogenicity: 1) evidence in humans: limited; Overall summary evaluation of carcinogenic risk to humans is Group 2B: The agent is possibly carcinogenic to humans /SRP: Title compound has not been studied/.. /Chlorophenoxy herbicides; From table/
- 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

- /SIGNS AND SYMPTOMS/ When ingested, high concentrations of chlorophenoxy compounds may irritate the mouth & throat, & GI tract. ... chest pain (from esophagitis), abdominal pain & diarrhea commonly ensue. ... absorbed chlorophenoxy compounds have caused fibrillary muscle twitching, skeletal muscle tenderness, & myotonia ... ingestion of very large amounts has produced metabolic acidosis, fever, tachycardia, hyperventilation, vasodilatation & sweating. Particular cases have been characterized by coma & convulsions. /Chlorophenoxy compounds/

Symptoms related to the physical, chemical and toxicological characteristics

- /SIGNS AND SYMPTOMS/ When ingested, high concentrations of chlorophenoxy compounds may irritate the mouth & throat, & GI tract. ... chest pain (from esophagitis), abdominal pain & diarrhea commonly ensue. ... absorbed chlorophenoxy compounds have caused fibrillary muscle twitching, skeletal muscle tenderness, & myotonia ... ingestion of very large amounts has produced metabolic acidosis, fever, tachycardia, hyperventilation, vasodilatation & sweating. Particular cases have been characterized by coma & convulsions. /Chlorophenoxy compounds/

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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