

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

Catalogue Number	CS-EE-00054
Product Name	Pyrethrins
CAS No.	8003-34-7
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+H312+H332	Harmful if swallowed. Harmful in contact with skin. Harmful if inhaled.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H332	Harmful if inhaled.

H400	Not available
H410	Not available
H227	Not available
H316	Not available
H317	May cause an allergic skin reaction.
H320	Not available
H336	Not available
H361	Not available
H373	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
P271	Use only outdoors or in a well-ventilated area.
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.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P317	Not available
P321	Specific treatment (see ... on this label).
P330	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
P203	Not available
P210	Not available
P260	Not available

P264+P265	Not available
P272	Not available
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present
P318	Not available
P319	Get medical help if you feel unwell.
P332+P317	If skin irritation occurs: Get medical help.
P333+P317	Not available
P337+P317	If eye irritation persists: Get medical help.
P370+P378	Not available
P403	Not available
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.

SECTION 3: Composition / information on ingredients

3.1 Substance

Component : Pyrethrins
 CAS Number : 8003-34-7
 Molecular Formula : -
 Molecular Weight : 700.3975
 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
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

Property	Value
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/ Injury to humans ... has most frequently resulted from allergic properties ... rather than ... direct toxicity. Although the allergy usually has been assoc with occupational or therapeutic contact, it is impossible to exclude the possibility of injury assoc with other kinds of exposure. Pyrethrum sensitivity may manifest itself in several forms. ... Contact dermatitis is by far the most common. The usual ... /outbreak/ is a mild erythematous vesicular dermatitis with papules in moist areas, & intense pruritus. In few cases, bullae appear. Edema & cracking develop in severe cases. Pyrethrum dermatitis may be made worse by exposure to sun. Several cases have shown ... "local anaphylaxis", characterized by dermatitis & sudden severe swelling of face, sometimes incl eyes & lips. A mild form accompanied by tachycardia, pallor, sweating, & fever was produced in ... experiments. Some individuals show manifestations of pyrethrum sensitivity similar to those seen in pollinosis, incl sneezing, serous nasal discharge, & nasal stuffiness. For more Human Toxicity Excerpts (Complete) data for PYRETHRUM (26 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: /HUMAN EXPOSURE STUDIES/ When 200 people (177 women & 23 men) were patch tested with a 1% water dispersion of pyrethrins, no evidence of primary irritancy or of sensitization was found. /Pyrethrins/ /LABORATORY ANIMALS: Acute Exposure/ In a study of dermal sensitization in guinea-pigs with a modified Buehler protocol, /pyrethrum extract/ were not sensitizing.
- Germ cell mutagenicity: No data available.
- Carcinogenicity: Cancer Classification: Suggestive Evidence of Carcinogenicity, but Not Sufficient to Assess Human Carcinogenic Potential /Pyrethrins/ A4: Not classifiable as a human carcinogen.
- 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

- /LABORATORY ANIMALS: Acute Inhalation Exposure/ ... Rats /were exposed/ at 6000 mg/cu m of pyrethrum in peanut oil for 30 min. Moderate lung congestion resulted.

Symptoms related to the physical, chemical and toxicological characteristics

- /SIGNS AND SYMPTOMS/ Injury to humans ... has most frequently resulted from allergic properties ... rather than ... direct toxicity. Although the allergy usually has been assoc with occupational or therapeutic contact, it is impossible to exclude the possibility of injury assoc with other kinds of exposure. Pyrethrum sensitivity may manifest itself in several forms. ... Contact dermatitis is by far the most common. The usual ... /outbreak/ is a mild erythematous vesicular dermatitis with papules in moist areas, & intense pruritus. In few cases, bullae appear.

Edema & cracking develop in severe cases. Pyrethrum dermatitis may be made worse by exposure to sun. Several cases have shown ... "local anaphylaxis", characterized by dermatitis & sudden severe swelling of face, sometimes incl eyes & lips. A mild form accompanied by tachycardia, pallor, sweating, & fever was produced in ... experiments. Some individuals show manifestations of pyrethrum sensitivity similar to those seen in pollinosis, incl sneezing, serous nasal discharge, & nasal stuffiness.

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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