## 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.<br>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 regulatio |
| 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 presen |
| 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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