

Material Safety Data Sheet

Section 1 : Chemical Product Company Identification

| | |
|---------------------------------|---|
| Product Name | Chloro Analog Acid |
| CAS No. | 93107-31-4 |
| Identified uses | Pharmaceutical Reference Standard |
| Details of the Supplier Company | SynZeal Research Pvt Ltd Plot No. F, Ganesh Industrial Estate 423/24/8, MahagujaratInd Estate Sarkhej-Bavla Road, Ahmedabad-382 213. Gujarat, India. |
| Telephone | +91-75750 02050 |

Section 2 : Chemical Information

| | |
|-------------------|---|
| Chemical Name | |
| CAS No. | 93107-31-4 |
| Synonyms | 6,7-dichloro-1-cyclopropyl-4-oxo-1,4-dihydroquinoline-3-carboxylic acid |
| Molecular Weight | 298.12 |
| Molecular Formula | C13H9Cl2NO3 |

Section 3 : Hazards Identification

Emergency Overview:

| | |
|---------------|-----------------|
| Appearance | Off White Solid |
| Target Organs | NA |

Potential Health Effects:

| | |
|------------|-----|
| Eye | NIL |
| Skin | NIL |
| Ingestion | NIL |
| Inhalation | NIL |
| Chronic | NIL |

Section 4 : First Aid Measures

| | |
|------------|---|
| Eye | Wash with plenty of water |
| Skin | Wash with plenty of water |
| Ingestion | Medical assistance for gastric lavage. |
| Inhalation | Remove to fresh air, artificial respiration or oxygen if necessary. |

Notes to Physician

Chloro Analog Acid can be washed with plenty of water in case of any exposure

Section 5 : Firefighting Measures

Extinguishing Media

Carbon dioxide, dry chemical powder, foam, water.

Unusual Fire and Explosion Hazards

None indicated

Section 6 : Accidental Release Measures

Personal Precautions

Wear self-contained breathing apparatus, avoid dust formation.

Spills/Leaks

Wash with plenty of water, provide adequate ventilation.

Section 7 : Handlings and Storage

Handling

Wear surgical gloves

Storage

Can be stored at room temperature

Section 8 : Exposure Controls, Personal Protection

Respiratory Protection

Self-contained breathing apparatus

Exposure Limits

NA

Eye Protection

Wear safety goggles

Other Protective Equipment

Protective clothing

Skin

Full sleeves apron

Clothing

Cotton

Section 9 : Physical and Chemical Properties

Appearance

Off White Solid

Odor

Odor less

Melting Point

NA

pH

Basic

Vapor Pressure

NA

Vapor Density

NA

Evaporation Rate

NA

Viscosity

NA

Boiling Point

NA

Decomposition Temp

NA

Auto ignition Temp.

NA

| | |
|--------------------------|----------------------|
| Flash Point | NA |
| NFPA Rating | NA |
| Explosion Limits | |
| Lower | NA |
| Upper | NA |
| Solubility | Chloroform, Methanol |
| Specific Gravity/Density | NA |

Section 10 : Stability and Reactivity

| | |
|--|------------------------|
| Chemical Stability | Stable |
| Conditions to avoid | Direct contact to skin |
| Incompatibilities with other Materials | Keep away |
| Hazardous Decomposition Products | NIL |
| Hazardous Polymerization | NIL |

Section 11 : Toxicological Information

| | |
|----------------------|-----|
| CAS | NA |
| LD50/LC50 | NA |
| Carcinogenicity | NIL |
| Epidemiology | NIL |
| Teratogenicity | NIL |
| Reproductive Effects | NIL |
| Neurotoxicity | NIL |
| Mutagenicity | NIL |
| Other Studies | NA |

Section 12 : Ecological Information

Data not available

Section 13 : Disposal Consideration

| | |
|---------------|--------------------|
| RCRA P-Series | Can be incinerated |
| RCRA U-Series | NA |

Section 14 : Transport Consideration

UN-Number

| | | |
|--|---------------------------|----------|
| ADR/RID: | IMDG: | IATA: |
| UN proper shipping name | | |
| ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods | | |
| Transport hazard class(es) | | |
| ADR/RID: | IMDG: | IATA: |
| Packaging Group | | |
| ADR/RID: | IMDG: | IATA: |
| Environmental hazards | | |
| ADR/RID: No | IMDG Marine pollutant: No | IATA: No |
| Special precautions for users | | |
| Further information | | |

Section 15 : Regulatory Information

| | |
|--------------------------------|--------------------------------------|
| TSCA | Attached the letter |
| Health & Safety Reporting List | No data available |
| Chemical Test Rules | Chemical analysis report is attached |

Section 16 : Additional Information

This product is not bioactive, non-radioactive. It is for R&D use only. Not for drug, household or other uses.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge. It does not represent any guarantee of the product.