

# MATERIAL SAFETY DATA SHEET

## STATEMENT OF HAZARDOUS NATURE

Hazardous according to criteria of Worksafe Vanuatu. This product becomes non-hazardous at concentrations below 62.5%.

## COMPANY DETAILS

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## IDENTIFICATION

Product Name: **SUPA CHLOR**  
Other Names: Sodium dichloro-isocyanurate  
Manufacturer's Product Code: 9CCSC  
UN Number: 2465  
Dangerous Goods Class and Subsidiary Risk: 5.1  
Hazchem Code: 2PE  
Poisons Schedule: 5  
Use: Powdered Chlorine for Swimming Pool Use

### Physical Description/Properties

Appearance: White crystalline powder  
Melting Point: 230-250°C  
Vapour Pressure: Not Applicable  
Specific Gravity: Not Applicable  
Flashpoint: Not Flammable  
Flammability Limits: Not Flammable  
Solubility in Water: Readily soluble

### Other Properties:

Corrosiveness: Corrosive to non-ferrous metals  
Reactivity: Contact with combustible material may cause fire. Contact with acid liberates toxic gas.  
pH (undiluted) 12

### Ingredients:

All hazardous substances as defined by the NOHSC Code 1008 are listed by chemical name and CAS No. Other ingredients which are determined to be non-hazardous are listed by generic name or as "other ingredients determined not to be hazardous".

**Chemical name:** Sodium dichloro-dihydrate  
**CAS No:** 51580-86-0  
**Proportion:** >=98%

## HEALTH HAZARD INFORMATION

### Acute:

**Swallowed:** Harmful. Considered to be moderately toxic.  
**Eye:** Irritating.  
**Skin:** Irritating. Causes visible necrosis of skin on prolonged contact.  
**Inhaled:** Irritating. Causes necrosis on prolonged exposure.

### Chronic

Prolonged exposure to low concentration solutions may cause inflammation of the skin. Should an unfavourable skin reaction occur, discontinue use until condition subsides. Regular use of a barrier cream is recommended in such cases.

### FIRST AID

**Swallowed:** Contact a Doctor or Poisons Information Centre. Do NOT induce vomiting. Give a glass of water. Repeat if vomiting occurs. If the patient is not fully conscious do not give anything by mouth.

**Eye:** In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre. Get medical attention.

**Skin:** Remove contaminated clothing and wash skin with water, then with soap and water.

**Inhaled:** Leave contaminated area. If chlorine gas has been liberated by mixing with acid and there is difficulty breathing, get medical attention.

**FIRST AID FACILITIES:** Eye wash. Fresh water.

**ADVICE TO DOCTOR:** Treat for chemical burns if present.

## PRECAUTIONS FOR USE

**Exposure Standards:** TWA for chlorine is 1 ppm.

**Engineering Controls:** Sufficient to maintain concentration below TWA.

**Personal Protection:** Avoid contact with the skin and eyes. Avoid breathing its mist. Wear face shield, overalls or apron, protective footwear and natural rubber or PVC gloves when using undiluted product.

**Flammability:** May produce toxic fumes if involved in large fire. Not flammable or combustible. Powerful oxidizing agent and may cause fire if allowed to dry onto organic material such as wood, cotton or straw.

## SAFE HANDLING INFORMATION

**Storage and Transport:** Dangerous Goods class 5.1 – must be stored and transported in accordance with State or Territory dangerous goods regulations.

**Spills and Disposal:** Sweep up and collect in drums. Absorb solutions on vermiculite or similar absorbing material and collect in drums.

**Fire/Explosion Hazard:** Use water fog, foam or dry agent. Danger of violent reaction or explosion. Wear full body protective clothing with breathing apparatus and protective gloves. Dilute. Wash to drain with large quantities of water. Consider evacuation.

## OTHER INFORMATION

The Time Weighted Average (TWA) quoted above is the Worksafe Adopted National Exposure Standard for the average airborne concentration when calculated over a normal eight hour working day, for a five day working week.

Sodium dichloroisocyanate is known to react with even small amounts of hydrocarbon products to liberate chlorine gas. Avoid contact of even trace amounts of hydrocarbons with this product.

**CONTACT POINT:** Pacific Suppliers (678) 25082

