

# Naturecare FRC Rinse Tablets

## 1) IDENTIFICATION

**Product Code:** 140187

**Supplier:**

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## 2) COMPOSITION/INFORMATION ON INGREDIENTS

**Product Description:**

Photographic rinse tablet containing the following component contributing to hazard.

	CAS NO	%w/w
Dichloroisocyanuric Acid Sodium Salt	2893-78-9	49
Adipic Acid	124-04-9	21
Sodium Carbonate	497-19-8	8

## 3) HAZARDS IDENTIFICATION

**Human Health Hazards:**

Irritating to skin. May cause allergic skin reaction. Contact with eyes can cause severe damage ( Burns )

**Safety Hazards**

Contact with acids liberates toxic gas ( Oxides of Nitrogen and Chlorine gas)

**Environmental Hazards:**

Expected to be harmful to plant and animal organisms in the aquatic environment.

## 4) FIRST AID MEASURES

**Eyes:**

Flush immediately with eye-wash solution or clean water for several minutes holding the eyelids apart.

**Obtain immediate medical attention.**

**Inhalation:**

Inhalation of the solid is unlikely to occur, but tablets have a chlorine odour which should not be inhaled.

**Skin Contact:**

Avoid contact with skin, as the tablets readily hydrolyse to the acid which may result in skin burns

Wash skin thoroughly with cold water then with a neutral cleanser and water. Thoroughly wash contaminated clothing before re-use. Obtain medical attention if irritation develops

**Ingestion:**

Rinse mouth with water and drink about two glasses of water. Do not induce vomiting. Seek immediate medical attention.

**In all cases of doubt or if symptoms persist, seek Medical advice. Show the product label and this Safety Data sheet to the Doctor**

## 5) FIRE-FIGHTING MEASURES

Not classified as flammable. If involved in a major fire

toxic gases could be produced.

**Extinguishing Media:**

Suitable for the surrounding fire.

**Protective Equipment:**

Self-contained respiratory equipment.

## 6) ACCIDENTAL RELEASE MEASURES

**Personal Protection:**

When dealing with spillages of concentrates or working strength solution, use the personal protection specified in Section 8. Ensure spill area is well ventilated.

**Environmental Precautions:**

Prevent spillages from entering drain by absorption into inert absorbent material (eg. dry sand or earth) and transfer to a container for disposal by a licensed waste contractor.

**Cleaning Up:**

After collecting the bulk of the spillage thoroughly wash area to drain with water.

## 7) HANDLING AND STORAGE

**Handling:**

When handling the product, avoid contact with eyes, skin and clothing and avoid inhaling vapour. Use in a well ventilated area. Avoid contact with the working strength solution and avoid inhaling vapour. After handling, the routine use of a neutral, (non-alkaline), hand cleanser will minimise the risk of adverse skin reaction.

**Storage:**

Store in a dry, well ventilated area at a moderate temperature. Store away from incompatible substances, (see Section 10).

## 8) EXPOSURE CONTROLS / PERSONAL PROTECTION

**UK Occupational Exposure Standards:**

None

**Engineering Measures:**

Ensure good ventilation of the whole working area.

**Respiratory Protection:**

Use in a well ventilated area.

**Skin Protection:**

Wear impervious gloves when handling product and to prevent contact with the working strength solution.

**Eye Protection:**

Wear safety glasses with side-shields as the minimum Level of protection. Provide eye-wash bottles in the immediate working area.

## 9) PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Small white tablet

## Naturecare FRC Rinse Tablets

**Odour:** Slight Chlorine odour

**pH at 20°C:** 5-7 when dissolved in water

**Weight per ml at 20°C :** N/A

**Freezing Point:** N/A

**Flammability:** Not flammable

**Solubility in water:** Completely soluble

**Thermal Decomposition :** 225 – 250C

### 10) STABILITY AND REACTIVITY

**Stability:**

Stable under recommended storage conditions.

**Materials to avoid:**

Avoid contact with strong acids and oxidising agents.

**Hazardous Decomposition Products:**

Oxides of Nitrogen, Carbon dioxide and Chlorine gas

### 11) TOXICOLOGICAL INFORMATION

**Sodium Dichloroisocyanurate acid**

**Acute Toxicity**

- Oral : **LD50 (rat) 1670mg/Kg**
- Inhalation : **No Reports**
- Dermal : **LD50(rabbit) >5g/Kg**

**Skin Irritation :** **Rabbit 500mg/24hr Severe burns**

**Eye Irritation :** **Rabbit 10mg/24hr Severe Burns**

**Respiratory Tract :** **Irritant / burns**

**Mutagenicity :** **Not Documented**

**Reproductive :**

**Toxicity :** **No reported or documented effects.**

**Sensitisation**

**Skin :** **No documented cases**

**Respiratory :** **No documented cases**

### 12) ECOLOGICAL INFORMATION

The following summary of expected environmental effects is based on known data for the principal ingredients and on the physico-chemical properties of the preparation. The preparation is likely to be highly toxic to plant and animal organisms in the aquatic environment. These effects are rapidly reduced by the effects of dilution, oxidation and photodecomposition and the product has little or no potential to persist in a harmful form.

As a result of the above properties, precautions should be taken to avoid release of the product or working strength solution into the environment, (see Section 13).

### 13) DISPOSAL CONSIDERATIONS

**Surplus Product and Working Strength Solution:**

Disposal should be in accordance with current local and national legislation and only by a licensed waste contractor. Do not dispose of either concentrate or working strength solutions into drains, sewers or waterways or on to soil.

**Plastic Containers:**

Rinse thoroughly with water and dispose as solid waste to land fill or re-cycle where possible.

**Cardboard Cartons:**

Re-cycle where possible or treat as solid waste.

### 14) TRANSPORT INFORMATION

Not regulated.

### 15) REGULATORY INFORMATION

Contains : **Sodium Dichloroisocyanurate acid**

**Hazard Symbol:**

Xn Harmful

**Risk Phrases:**

R22 : Harmful if swallowed

R36/37 : Irritating to Eyes & Respiratory system

R31 : Contact with acids liberates toxic gas (Chlorine)

**Safety Phrases:**

S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S22 : Do not breathe dust

S2 : Keep out the reach of children

### 16) OTHER INFORMATION

The information contained in this Safety Data Sheet does not constitute the users own assessment of work place risk as required by other health and safety legislation, (eg. COSHH Regulations in the UK).

Document History

Prepared by: IF

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Reference Sources Include: CHIP Regs, UK, HSE ,EH40, Occupational Exposure Limits, Croner's First Aid Guide, Raw Material MSDS.

**The information contained in this Safety Data Sheet is to our best present knowledge correct and complete and is given in good faith but without warranty.**