

PARAGON
Hygiene Specialists

**Quality
Hygiene and Maintenance
Products**

**CONCENTRATED
EFFERVESCENT
CHLORINE TABLETS**

CHLORINE TABLETS

CODE: F19

- **NON-CORROSIVE • FOOD SAFE •**
- **SAFER AND MORE EFFECTIVE THAN SODIUM HYPOCHLORITE •**

A blend of sodium dichloroisocyanurate (NaDCC) and inert compounds which are compressed into tablet form. They will not degrade and are stable for **3 years** or more. This guarantees the activity will be at least **100 %**.

In dry form they will not leak or splash and will not damage clothing.

Chlorine tablets are much less corrosive than liquid chlorine, which is highly corrosive to most metals.

(Liquid chlorine can affect eyes, skin and mucous membranes and is difficult to handle.)

MICROBIOCIDAL ACTIVITY: Disinfecting solutions prepared from effervescent Chlorine Tablets containing NaDCC are fast acting and effective against: bacteria, bacterial spores, algae, fungi, protozoa and viruses.

Accuracy in dilution and safety in storage are very important benefits of NaDcc tablets

The tablets have been recognised as a safe alternative to Liquid Bleach (Sodium Hypochlorite) in the Health Service, Food industry, and Cleaning industry.

It is recommended by the worlds health authorities for use against:

AIDS (HIV), HEPATITIS, Methicillin Resistant Staphylococcus Aureus (MRSA)

DIRECTIONS FOR USE

AREA OF USE	No of 3 gram	Litres of	Contact time	PPM	Method When placed in warm water the effervescent
Food preparation Surfaces, Equipment, Walls and Floors	1	5	10	200	Wash thoroughly with a neutral detergent. Rinse with chlorine solution.
Shower heads Disinfection	1	5	15 - 30	200	Make up solution and immerse head and hose if
Laundry (Chlorine safe fabrics)	1	10	2-4 hours.	100	Bleaching and disinfection: Make up solution and steep for a minimum of 2-4 hours.
Vegetables and Salads	1	10	15	100	See Vegetable disinfection direction leaflet.
Cloths and Mops	1	10	30 - 60	100	Make up solution. For bleaching cloths and mops for
Drains, Toilets , Cisterns, and Sinks	2	5	15 - 30	400	Make up solution and allow to stand for minimum
Disinfection of Hazardous Blood and Body Fluid Spills	5	0.5	5	10000	Ensure proper protective clothing is worn. Pour solution onto absorbent paper sheets and then place over spillage. Wipe up spillage until the area is clean.

• Food Industry •

Paragon Products (UK) Ltd Tel: 0131 653 2222 Fax: 0131 653 2272

www.paragononline.co.uk

Newhailes Industrial Estate, Newhailes Road, Musselburgh, East Lothian, EH21



SAFETY DATA SHEET

1) IDENTIFICATION OF THE PREPARATION & COMPANY

EFFERVESCENT CHLORINE TABLETS

CODE: F19

DATE UPDATED:10.07.07 SUPERSEDES SDS: 01/10/04
PARAGON PRODUCTS (UK) LTD.
NEWHAILES INDUSTRIAL ESTATE, NEWHAILES ROAD,
MUSSELBURGH, EAST LOTHIAN, EH21 6SY.
TEL: 0131 653 2222 FAX: 0131 653 2272

2) COMPOSITION / INFORMATION ON INGREDIENTS

	Hazard Data
Sodium Dichloroisocyanurate	50 -60% CAS No. 2893-78-9
Adipic Acid	20 - 30% CAS No. 124-04-9

3) HAZARDS IDENTIFICATION

Eye Contact: Irritation and burning

Skin Contact: Irritation and burning

Inhalation: Unlikely route of exposure unless the tablet breaks into dust form may be irritant to mucous membrane

Ingestion: Harmful if swallowed. Nausea, Headache

4) FIRST AID MEASURES

SKIN: Promptly wash thoroughly with water for 15 mins while removing contaminated clothing.

EYES: Immediately flush with plenty of clean water for at least 15 mins.

INGESTION: Immediately rinse mouth then drink plenty of water or milk. DO NOT INDUCE VOMITING.

INHALATION: Move to fresh air. If irritation persists seek medical attention.

5) FIRE FIGHTING MEASURES

Product is non flammable

Suitable Extinguishing Media - Pressurised water or dry powder. Do not use dry fire extinguishers containing ammonium compounds.

Fire Fighting Procedures - Large quantities of water MUST be used, if not there may be an explosion hazard.

Further Information - Product is not flammable itself but contact with combustible material may cause fire. Decomposes above 250 deg.C with release of chlorine and other toxic fumes.

6) ACCIDENTAL RELEASE MEASURES

Personal Precautions - Use protective clothing.

Environmental Precautions -

Methods For Cleaning Up - If dry, collect up into heavy duty plastic bag. Wash away residues with plenty of water. If contaminated transfer to waste ground, cover with earth. Keep people / animals away.

DISPOSE OF IN ACCORDANCE WITH LOCAL AUTHORITY REGULATIONS

7) Handling and Storage

Handling - Avoid contact with skin, eyes and clothing. Avoid breathing dust. Wash thoroughly after handling. Use protective clothing.

Storage - Store away from combustibles. Keep cool / dry ventilated areas. Keep away from fire, heat and sunlight. Keep out of reach of children.

8) EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory Protection - Do not inhale product dust.

Hands - Wear protective gloves

Eyes - Wear protective goggles if airborne dust concentrations are high

Skin - Wash immediately if skin is contaminated. Wash with soap and water after handling.

9) PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Tablet.

Odour: Chlorine.

Boiling Point: Not Applicable

Flash Point: Not Applicable

Flammability: Not Applicable

Explosive Properties: -

Oxidising Properties: -

Relative Density: -

Solubility Water: - Freely

Ph: Not Applicable.

Melting Point: Not Applicable

Auto Flammability: -

10) STABILITY AND REACTIVITY

Conditions to avoid: Avoid moisture, naked flames.

Decomposes at above 250°C liberating toxic gas.

Incompatibility: Nitrogen compounds. Organic materials, oil, grease, other oxidisers.

Hazardous Decomposition: Sawdust reducing agents.

Calcium Hypochloride.

11) TOXICOLOGICAL INFORMATION

Ingredient:

Sodium Dichloroisocyanurate

Na D C C

LD50 (ANIMAL / ORAL)

Oral Rat. ca 769 mg kg.

Oral Man. ca 3570 mg kg.

12) ECOLOGICAL EFFECTS

Toxic to fish. Do not discharge into lakes, ponds, streams, etc. or portable water systems.

13) DISPOSAL CONSIDERATIONS

See section 6. Dispose of in accordance with official regulations.

14) TRANSPORT INFORMATION

U.N. No: 2465 Packing code: 11 IMDG: 5.1

Class: 5.1 ICAO / IATA: 26 b

15) REGULATORY INFORMATION

Labelling accordance to EEC standards.

HARMFUL

Risk Phrases - Contact with combustible material may cause fire. Harmful if swallowed.

Contact with acids liberates toxic gas.

Irritating to eyes and respiratory system.

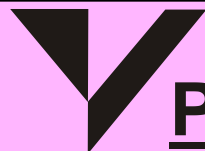
Safety Phrases - Keep container dry. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of fire / explosion do not breathe fumes.

16) OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall only be used as a guide.



HARMFUL



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DIRECTIONS FOR FRESH VEGETABLES AND FRUIT DISINFECTION

- 1 All Vegetables and Fruit should preferably be purchased daily and stored in a Raw Food Area upon receipt. The age from packaging preparation should be known.
- 2 They must be prepared pre-washed if appropriate and disinfected in a separate area (low risk) before being passed into high risk.
- 3 The disinfectant to be used for most Salad Vegetables (including peeled onions) and Fruit is a solution containing 50-100 ppm available chlorine. (see table)
- 4 Vegetables such as watercress, which carry a heavy bacterial loading may need a higher concentration of chlorine (up to 200 ppm).
- 5 The Raw Products should be immersed (i.e. Depressed under the surface) for a minimum of 15 minutes and then thoroughly drained before use.

When placed in water the effervescent components ensure rapid dissolution which can be further enhanced by the use of warm water.

Each 3 gram tablet will produce a minimum of 200 ppm available chlorine in 5 litres of water.

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