

MATERIAL SAFETY DATA SHEET – KAMCHLOR TABS

Kamco Limited

Unit 9, Curo Park, Frogmore, St Albans, AL2 2DD.

Tel: 01727 875020 Fax: 01727 875335

email: info@kamco.co.uk

1. Product name / description:

KAMCHLOR TABS

Quick acting chlorine release tablets for water sterilisation.

2. Composition / information on ingredients:

Sodium dichlorisocyanurate, anhydrous (53%). Formula: C₃Cl₂N₃O₃Na.

CAS no: 2893-78-9 EINECS no: 220-767-7

CAS no.: 124-04-9

3. Hazards identification:

Irritant to eyes, skin, and mucous membranes.

Inhalation: HSE recommended limit for chlorine (8 hour) 0.5 ppm; (10 mins) 1 ppm.

4. FIRST AID MEASURES:

Eyes: May cause irritation and burning. Wash with water for 15 minutes. If irritation persists, seek medical attention.

Skin: May cause irritation. Flush with water for 15 minutes. Seek medical attention if irritation persists.

Ingestion: May cause nausea, headache, vomiting, and upper abdominal pain. Rinse mouth, then drink plenty of water or milk. Seek medical attention.

Inhalation: Causes irritation of mucous membranes. Move patient to adequately ventilated area, and give oxygen. If irritation persists, seek medical attention.

5. Fire fighting measures:

Material has low combustibility. Soak with copious quantities of water, or extinguish with dry powder or pressurised water extinguisher. Product will liberate toxic fumes, and breathing apparatus should be worn when fighting fires.

6. Accidental release measures:

Small spillages: Flush away with copious amounts of water.

Large spillages: If spillage is dry and uncontaminated, collect up in strong plastic bag. Wash away residues with copious amounts of water.

Waste disposal method: Neutralise chemically with sodium thiosulphate / sodium sulphite, or use approved disposal procedure e.g. certified burial or incineration.

7. Handling & storage:

Handling: Avoid skin, clothing, and eye contact.

Storage: Keep containers tightly closed in a cool, dry, well ventilated place, away from strong acids, alkalis, reducing agents, & oxidisable organic matter. Keep out of reach of children. Never store damp material. Contact with water liberates chlorine, and with nitrogen compounds, may cause explosion.

8. Exposure controls / personal protection:

Respiratory protection: Avoid breathing dust.

Hand protection: Wear rubber or PVC gloves.

Eye protection: Wear goggles or face visor.

Wear protective boots when dealing with spillage or fire.

9. Physical & chemical properties:

- Appearance: White tablets with characteristic chlorine odour.
- pH of solution: 1 Mini Tab / 5 lt water, ca. 6.6.
- Solubility in water: Complete.

10. Stability & reactivity:

Conditions to avoid: keep containers in a dry, well ventilated place, away from strong acids, alkalis, reducing agents, and oxidisable organic matter. Keep away from heat sources or naked flame.

Hazardous decomposition products: Above 250° C, release of chlorine and other toxic fumes.

11. Toxicological information:

Skin contact: will cause irritation to some skin.

Eye contact: may cause irritation and burning.

Ingestion: toxicity of 100% active material - oral LD₅₀Rat ca. 1825mg/kg.

12. Ecological information:

Highly toxic to fish. Do not discharge solution into lakes, ponds, or streams.

13. Disposal considerations:

Dispose of by flushing away with copious amounts of water. For very large quantities, seek advice from specialist waste disposal company.

14. Transport information:

Keep container strictly dry.

Keep away from fire, heat, flame, and direct sunlight.

15. Regulatory information:

Label for supply: HARMFUL

● RISK PHRASES:

R8 Contact with combustible material may cause fire.

R22 Harmful if swallowed.

R31 Contact with acids liberates toxic gas.

R36/37 Irritating to eyes and respiratory system.

● SAFETY PHRASES:

S8 Keep container dry.

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

S41 In case of fire and/or explosion do not breathe fumes.

16. Other information:

Usual application of product: water services sterilisation.

Legal disclaimer: The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or specification of the product. The user must satisfy himself that the product is entirely suitable for his purpose.