

SAFETY DATA SHEET



01200 – CHLORINE (BLEACH) TABLETS

Trust Hygiene Services Limited

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT CODE: 01200
PRODUCT NAME: CHLORINE (BLEACH) TABLETS 200
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2. COMPOSITION/INFORMATION ON INGREDIENTS

A blend of patented effervescent base with an active ingredient of sodium dichloroisocyanurate.

HAZARDOUS INGREDIENTS: % w.w (RANGE): RISK PHRASES
SODIUM DICHLOROISOCYANURATE R22, R31, R36/37

3. HAZARDS IDENTIFICATION

Oxidising. Harmful if swallowed and irritating to the eyes and respiratory system. Contact with acids liberates toxic gas (chlorine).

4. FIRST AID MEASURES

INHALATION: Move patient to fresh air, away from source of exposure.
INGESTION: DO NOT INDUCE VOMITING. Provided the patient is conscious, wash mouth out with water and to drink and seek immediate medical attention.
SKIN: Remove contaminated clothing and wash before wearing. Wash affected area with soap and water. If irritation persists seek medical advice.
EYES: Rinse immediately with large quantities of clean water, holding eye open for at least 15 minutes and seek medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: On small fires, use water-spray or fog. On large fires, use heavy deluge or fog steams. Do not use dry chemical extinguisher containing ammonia compounds. Product will give off toxic fumes (chlorine) in a fire so breathing apparatus should be worn.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS: Small spillages: Do not add water, sweep up into clean dry containers. Do not allow to contaminate water courses. Do not contaminate spill materials with any organic.
Large spillages: Materials, ammonia, ammonia salts or urea respiratory protection may be necessary.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS: Do not take internally. Avoid contact of dust or aqueous solution with skin, eyes and clothing. Do not mix with other chemicals or cleaners. Do not sprinkle on urine spillages as these are generally acid and toxic chlorine and will be evolved.
STORAGE PRECAUTIONS: Store in a cool, dry, well-ventilated area, in closed containers. Do not store at temperatures above 60°C.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Avoid contact with skin and eyes. The use of PVC or rubber gloves and eyeshields is recommended. Use only in a well ventilated area.

Occupational Exposure Standard (O.E.S.): Chlorine
L.T.E.L. 8 hours - 0.5ppm
S.T.E.L. 15 minutes - 1.00ppm

PROTECTIVE EQUIPMENT:



9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White/off white, flat bevelled edge tablets.
ODOUR: None to mild chlorine
pH: 5.9 typical
BOILING POINT (°C): 100
DENSITY: 1570mg at 20°C.
FLASH POINT: 240-250°C
SOLUBILITY IN WATER: Soluble, effervescent

10. STABILITY AND REACTIVITY

STABILITY: Product is stable under normal conditions.
CONDITIONS TO AVOID: Avoid other oxidisers, nitrogen-containing compounds, dry fire extinguishers containing mono-ammonium phosphates. Can produce chlorine gas.

11. TOXICOLOGY INFORMATION

Effects due to overexposure when:

INHALATION: May irritate or cause nausea only if significant quantities of dust present.
INGESTION: Should a single tablet be ingested, no short or long-term effect should result, other than a possibly mildly upset stomach. Harmful if swallowed in quantity.
SKIN CONTACT: No irritation on the intact skin was observed after the application of sodium dichloroisocyanurate NaDCC) is the form of undiluted, dry powder for 24 hours. Occasional splashes of tablet solution are unlikely to cause damage.
EYE CONTACT: May irritate but unlikely to cause permanent damage

12. ECOLOGICAL INFORMATION

ECOTOXICITY: No information available.

13. DISPOSAL CONSIDERATIONS

DISPOSABLE METHODS: Dispose of according to local regulations.

14. TRANSPORT INFORMATION

Product is classed as OXIDISING Substance for transportation purposes.

U.N. NO.: 2465
I.M.D.G. AND PACKAGING GROUP: -
HAZARD CLASS.: 5.1
TREM CARD NO: 51G02

15. REGULATORY INFORMATION

Product is classed as OXIDISING under CHIP Regulations.

RISK PHRASES: R8 Contact with combustible material may cause fires.
R22 Harmful if swallowed.
R31 Contact with acid liberates toxic gas.
R36/37 Irritating to eyes and respiratory system.
SAFETY PHRASES: S2 Keep out of reach of children.
8 Keep container dry.
26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
41 In case of fire and/or explosion, do not breathe fumes.

16. OTHER INFORMATION

USER NOTES: The responsibility to ensure safe working conditions within the workplace remains with the user. The health hazard and general information contained within this Material Safety Data Sheet are given as a guide to the precautions required to maintain a safe work environment.
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