



SAFETY DATA SHEET

E051 EFFERVESCENT CHLORINE RELEASE TABLETS

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: E051 EFFERVESCENT CHLORINE RELEASE TABLETS

PART No.: E051

APPLICATIONS: Refer to Product Information Sheet

SUPPLIER: ENVIROCLEAN,
RAWDON ROAD,
MOIRA, SWADLINCOTE,
DERBYSHIRE, DE12 6DA.

TEL: 01283 229 069

FAX: 01283 226 731

EMERGENCY TELEPHONE(S): Tel. 01283 229069 Fax. 01283 550621

2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS No.	CONTENTS	HEALTH (class)	RISK (R No.)
Dichloroisocyanuric Acid -Na salt	2893-78-9	30-60 %	Xn, N	22, 31, 36/37, 50, 53
ADIPIC ACID	124-04-9	10-25 %	XI	36

3 HAZARDS IDENTIFICATION

Harmful if swallowed.
Irritating to eyes and respiratory system.
On contact with moisture, NaDCC readily decomposes to Chlorine,
Hypochlorous Acid and Cyanuric Acid.

4 FIRST AID MEASURES

INHALATION: Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION: Rinse mouth thoroughly. DO NOT induce vomiting. Get medical attention immediately.

SKIN: Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Continue to rinse for at least 15 minutes and seek medical attention.

EYES: Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: This material is not flammable.

UNUSUAL FIRE & EXPLOSION HAZARDS: Contact with combustible material may cause fire. Decomposes above - 250°C with release of chlorine and other toxic fumes.

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6 ACCIDENTAL RELEASE MEASURES

SPILL CLEANUP METHODS: If tablets are dry and uncontaminated, collect into a heavy duty - plastic bag. Where possible, use product as originally intended. - Wash away any residues with plenty of water. - If tablets are contaminated, they should be transferred to waste - ground, spread thinly and covered with a layer of earth. A smell - of chlorine will be noted until degradation is complete. - If tablets become damp they will effervesce with the potential to - release chlorine. Transfer spillage to unsealed plastic bags and - dispose of via a reputable waste disposal company.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS: Avoid spilling, skin and eye contact. Ensure that the working area is well ventilated.
STORAGE PRECAUTIONS: Oxidizing material - Keep away from flammable and combustible materials. Keep in cool, dry, ventilated storage and closed containers. Keep upright. Do not store in the vicinity of acidic materials

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



VENTILATION: Well ventilated area.
PROTECTIVE GLOVES: For prolonged or repeated skin contact use suitable protective gloves.
EYE PROTECTION: Wear dust resistant safety goggles where there is danger of eye contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Tablet.	COLOUR:	White.
ODOUR/TASTE:	Chlorine.	pH-VALUE, CONC:	6.0

10 STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Avoid heat, flames and other sources of ignition. Avoid moisture. NaDCC decomposes at temperatures above 240°C liberating toxic gases.
MATERIALS TO AVOID: Contact with water liberates chlorine and with nitrogen compounds may cause explosion. Avoid organic materials, oils, grease, sawdust, reducing agents, nitrogen containing compounds, calcium hypochlorite, other oxidizers, acids, alkalis, cationic and non-ionic surfactants

11 TOXICOLOGICAL INFORMATION

MEDICAL SYMPTOMS: **NOSE.** Irritation of nose due to vapour or dust contact. **MOUTH AND THROAT.** Burning sensation in mouth. **RESPIRATORY SYSTEM.** Upper respiratory irritation. **SKIN.** Severe skin irritation. **DIGESTIVE SYSTEM.** Nausea, vomiting. Severe abdominal pain. **EYES AND MUCCOUS MEMBRANES.** Extreme irritation of eyes and mucous membranes, including burning and tearing.

12 ECOLOGICAL INFORMATION

ACUTE FISH TOXICITY: NaDCC is highly toxic to fish. Do not discharge into lakes, ponds, streams or public water unless with express official permission.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Dispose via Waste Disposal Contractor in accordance with local authority guidelines. If material is dry, incineration is recommended.

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14 TRANSPORT INFORMATION

LABEL FOR CONVEYANCE: No transport warning sign required.

ROAD:

RAIL:

SEA:

AIR:

15 REGULATORY INFORMATION

LABEL FOR SUPPLY:



HARMFUL

RISK PHRASES:	R-8 R-22 R-31 R-38/37	Contact with combustible material may cause fire. Harmful if swallowed. Contact with acids liberates toxic gas. Irritating to eyes and respiratory system.
SAFETY PHRASES:	S-8 S-26 S-41	Keep container dry. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of fire and/or explosion do not breathe fumes.
UK REGULATORY REFERENCES:	The Control of Substances Hazardous to Health Regulations 1988. Chemicals (Hazard Information & Packaging) Regulations 1993 The Carriage of Dangerous Goods by Road and Rail Regulations	
APPROVED CODE OF PRACTICE GUIDANCE NOTES:	The Control of Substances Hazardous to Health Occupational Exposure Limits EH40	

16 OTHER INFORMATION

USER NOTES: This preparation requires a formal COSHH assessment which should ensure that employees are aware of the hazards/precautions detailed in this data sheet. The COSHH assessment should also ensure that recommended safety equipment is available and, where applicable, the exposure limits detailed in section 8 are not being exceeded. This product is registered with the National Poisons Information Service.

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