

Safety Data Sheet

DATE : 02 : 10 : 2000


REVISION (see box 16)

ISSUE NO : 04

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME	: RENTOKIL IT 610
DESCRIPTION	: A clear, colourless liquid with no perceptible odour, consisting of a blend of corrosion inhibitors for potable water and "once-through" cooling systems.
COMPANY	: Rentokil Initial UK Ltd, Hygiene Division, Felcourt, East Grinstead, West Sussex. RH19 2JY. England. Telephone: +44 (0)1342 833022 Facsimile: +44 (0)1342 326229

2. HAZARDS IDENTIFICATION

<p>CLASSIFICATION (SUPPLY - Use): UK CHIP99(2) (Chemicals (Hazard Information and Packaging for Supply) (Amendment) (No. 2) Regulations, 1999) / EC Directive 88/379.</p> <p>C - CORROSIVE : R34 : Causes burns.</p>	<p>DANGER SYMBOL (UK CHIP99(2)) : (Black on orange background)</p> 
<p>SYMPTOMS AND EFFECTS (see also box 11):</p> <p>Causes burns to skin on contact and can cause corneal damage to eyes which is unlikely to be permanent provided prompt treatment is given. Inhalation of high airborne concentrations may cause coughing, choking and respiratory difficulties leading to bronchospasm, chest pains and pulmonary oedema. Ingestion may cause nausea, vomiting and stomach pain. In severe cases haematemesis, oesophageal and gastric perforation may occur.</p>	

3. COMPOSITION / INFORMATION ON INGREDIENT(S)

% w/w	COMMON*/CHEMICAL NAME AND CAS No OF INGREDIENT(S)	UK CHIP99(2)/EC 88/379 CLASSIFICATION OF INGREDIENT(S)
> 10 ≤ 25	Sodium metasilicate pentahydrate / [6834-92-0]	<p>C - Corrosive : R34 : Causes burns.</p> <p>X_i - Irritant : R37 : Irritating to respiratory system.</p>

4. FIRST-AID MEASURES (see also "symptoms and effects" in box 2)

INHALATION (Breathing)	: Remove patient to fresh air, keep warm and at rest. Apply supportive measures if necessary and seek medical attention.
EYE CONTACT	: Rinse affected eye with clean running water, or eyewash solution, for at least 15 minutes holding eyelids well apart. Rinse entire surface and do not allow run-off to contaminate unaffected eye. Seek medical attention.
SKIN CONTACT	: Remove and wash contaminated clothing immediately. Wash affected area thoroughly with soap and water. If the patient feels unwell seek medical advice.
INGESTION (Swallowing)	: Do NOT induce vomiting. If unconscious place in the recovery position and apply supportive measures if necessary. If conscious give patient up to 1 pint of water to drink. Seek medical attention.
EMERGENCY EQUIPMENT SUGGESTED	: Appropriate first-aid equipment should be provided. For the UK this should be in accordance with the Health & Safety (First-Aid) Regulations 1981. See also the Approved Code of Practice "First-aid at Work".
NOTE TO DOCTOR	: For further information contact the National Poisons Information Service in the UK.

5. FIRE-FIGHTING MEASURES

FIRE EXTINGUISHER - TYPES	: Non-combustible. Use extinguishers suitable for the surrounding conditions in the event of a fire.
SPECIAL FIRE-FIGHTING PROCEDURES	: Wear self-contained breathing apparatus to protect against any toxic fumes that may be liberated and full body protective clothing to protect skin and eyes.
SPECIAL EXPOSURE HAZARDS	: In the event of fire toxic fumes may be liberated. Contact with aluminium, brass, tin and zinc will produce hydrogen gas.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS (see also box 8)	: Wear suitable personal protective equipment.
PROCEDURE (see also box 13)	: Absorb spill with an inert material such as sand, earth or sawdust. Transfer to a suitable container for subsequent disposal. DO NOT contaminate watercourses or ground with large quantities of undiluted product.

7. HANDLING AND STORAGE (see also box 8)

HANDLING	: Do not breathe spray. Avoid contact with skin and eyes.
STORAGE	: Store in original container in a cool, dry, ventilated place out of reach of children and away from food, drink and animal feeding stuffs. Do not store in aluminium, tin, brass or zinc containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION (see also box 7)

OCCUPATIONAL EXPOSURE LIMITS	: Not assigned under EH40/2000.
ENGINEERING CONTROLS	: Where prevention of exposure is not reasonably practicable, adequate control of exposure should be achieved by engineering controls rather than the provision of personal protective equipment and clothing. Suitable and approved personal protective equipment and clothing may include the following item(s):
EYE PROTECTION	: Wear suitable eye protection such as goggles.
HAND PROTECTION	: Wear suitable hand protection such as chemical-resistant gloves.
SKIN PROTECTION	: Wear suitable skin protection such as coveralls.
BREATHING PROTECTION	: Do not breathe spray. Wear suitable respiratory protection.

14. TRANSPORT INFORMATION (International unless otherwise indicated)

<u>UN NUMBER</u> : 1760 <u>UK CDGRoad Transport Category</u> : 2	<u>UK HAZCHEM EAC</u> : 2X Tremcard Reference No. : CEFC TEC (R)- 80G20	<u>ADR HIN</u> : 80 <u>IMDG EMS</u> :8-15	<u>ADR SIN</u> : 1760 <u>IMDG MFAG Table No.</u> : 760 and sub-section 4.3
<u>UK CDGCPL2 CARRIAGE</u> : LIMITED QUANTITY EXEMPTIONS : SPECIAL REQUIREMENTS : LABELS :	Class 8, Packaging Group II, Corrosive liquid, N.O.S. (contains sodium metasilicate pentahydrate). Maximum quantity per inner receptacle is 500 ml. Maximum quantity per outer package is 30 kg. Not required. CORROSIVE.		
<u>IMDG (SEA) CARRIAGE</u> : LIMITED QUANTITY EXEMPTIONS : SPECIAL REQUIREMENTS : LABELS :	Class 8, Packaging Group II, Corrosive liquid, N.O.S. (contains sodium metasilicate pentahydrate). Maximum quantity per inner receptacle is 500 ml. Maximum quantity per outer package is 30 kg. Combination packs only. Not required. CORROSIVE.		
<u>ADR (ROAD) CARRIAGE</u> : LIMITED QUANTITY EXEMPTIONS : SPECIAL REQUIREMENTS : LABELS :	Class 8, item 66°(b) Maximum quantity per inner receptacle is 1 litre. Maximum quantity per outer package is 4 litres. Combination packs only. Not required. CORROSIVE.		

15. REGULATORY INFORMATION

INDICATION OF DANGER	HEALTH AND SAFETY INFORMATION (see also box 2)
C - CORROSIVE : R34 : Causes burns.	
SAFETY PHRASES : S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 : After contact with skin, wash immediately with plenty of water. S36/37/39 : Wear suitable protective clothing, gloves and eye/face protection. S45 : In case of accident or if you feel unwell seek medical advice immediately (show label where possible). S60 : This material and its container must be disposed of as hazardous waste.	
LEGISLATION :	This product is classified, in the UK, under the Chemicals (Hazard Information and Packaging for Supply) (Amendment) (No. 2) (CHIP99(2)) Regulations 1999, as dangerous for supply. This product is classified, in the UK, under the Carriage of Dangerous Goods (Classification, Packaging and Labelling) and Use of Transportable Pressure Receptacles CDGCPL2 Regulations 1996, as dangerous for carriage.

16. OTHER INFORMATION

<p>The information given on this Safety Data Sheet (SDS) does not constitute an assessment in accordance with the Control of Substances Hazardous to Health (COSHH) Regulations 1999.</p> <p>Changes have been made to the content of boxes 2, 3, 14, 15 & 16 (as indicated by the thick lines on the left-hand side of the boxes) compared with issue 03.</p>

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<p>Before using any product, ensure that you read and understand its label.</p> <p>The information contained in this safety data sheet is, to the best of our knowledge and belief, accurate and reliable at the time of publication. The information relates only to the specific material designated in this safety data sheet and may not be valid for such material if it is used in combination with any other material(s) or any other use than that specified herein. Rentokil Initial UK Ltd is not liable for the use of this product for any other purpose than that described in this safety data sheet. This does not affect your statutory rights. It is the user's responsibility to satisfy him/herself as to the suitability in completeness of such information for his/her own particular use.</p>

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