

# Safety Data Sheet

NOTE: Access to a copy of this Safety Data Sheet (SDS) via our Website does not constitute the issue of a controlled Copy under EU legislation. To be issued with such a copy please contact Rentokil Initial at the address below by telephone, fax or in writing. In order to confirm the latest version of the SDS for this product see web: [www.ri-research.com](http://www.ri-research.com) and click on Technical Information / Product Safety.

**REVISION (see box 16)**

Issue : 06 10 : 05 : 2006

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY	
<b>Product Name</b>	<b>BT 131</b>
<b>Description</b>	A blend of sludge dispersant and conditioning agents for use in boiler treatments by Rentokil Initial Service staff. BT 131 is a clear straw- coloured liquid with a slight odour.
<b>Company</b>	Rentokil Initial Supplies, Webber Road, Knowsley Industrial Park, Liverpool, L33 7SR. For general enquiries telephone: +44 (0) 151 548 5050. For regulatory and safety enquiries telephone:+44 (0) 1342 833022

2 HAZARD IDENTIFICATION	
<b>Classification (Supply – Use) : In compliance with EC Directive 1999/45.</b>	
<b>X<sub>i</sub> Irritant</b>	R43 May cause sensitisation by skin contact.
<b>Adverse Physical, Chemical, Significant Human Health and Environmental Effects (See also box 11):</b>	
No significant adverse physical or chemical effects expected from use of this product. Ingestion may cause nausea, vomiting and diarrhoea. May cause sensitisation by skin contact so that subsequent exposure causes a severe skin reaction. Prolonged or repeated exposure may cause irritation to skin and eyes. Adverse effects on the environment are unlikely, provided that the product is used as intended.	

3 COMPOSITION / INFORMATION ON INGREDIENTS (SEE ALSO BOX 16)		
% w/w	Common*/Chemical Name, Elincs/Einecs & CAS No. of Ingredients	EC 1999/45 Classification
≤0.1	Mixture of; 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazol-3-one, (3:1).  EINECS : CIT: 247-500-7 MIT:220-239-236 CAS : 55965-84-9	T : R23/24/25 R34 R43 N : R50,53

**BT 131**

<b>4 FIRST-AID MEASURES (SEE ALSO "ADVERSE EFFECTS" IN BOX 2)</b>	
<b>Inhalation</b>	Remove patient to fresh air, keep warm and at rest. Apply supportive measures if necessary and seek medical attention.
<b>Eye Contact</b>	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.
<b>Skin Contact</b>	Remove and wash contaminated clothing immediately. Wash affected area thoroughly with soap and water. If the patient feels unwell seek medical advice.
<b>Ingestion (Swallowing)</b>	Do NOT induce vomiting. If unconscious place in the recovery position and apply supportive measures if necessary. If conscious give patient up to ½ litre or 1 pint of water to drink. Seek medical attention.
<b>Emergency Equipment Suggested</b>	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".
<b>Note To Doctor</b>	Further information on all Rentokil Initial formulations is lodged with the National Poisons Information Service in the UK.

<b>5 FIRE FIGHTING MEASURES</b>	
<b>Fire Extinguisher Type</b>	Use carbon dioxide, foam, water, or dry powder extinguishers.
<b>Special Fire-Fighting Procedures</b>	Wear suitable personal protective equipment.
<b>Special Exposure Hazards</b>	None.

<b>6 ACCIDENTAL RELEASE MEASURES</b>	
<b>Personal Precautions (See also box 8)</b>	Wear suitable personal protective equipment.
<b>Environmental Precautions</b>	Keep away from drains, surface and ground water, and soil.
<b>Clean-up Procedure (See also box 13)</b>	Absorb spill with an inert material such as sand, earth or sawdust. Transfer to a suitable container for subsequent disposal.

<b>7 HANDLING AND STORAGE (SEE ALSO BOX 8)</b>	
<b>Handling Storage</b>	Avoid contact with skin. Store in original container in a cool, dry, ventilated place out of the reach of children and away from food, drink and animal feeding stuffs.

<b>8 EXPOSURE CONTROLS/PERSONAL PROTECTION</b>	
<b>Exposure Standard - Directive EC/98/24 (1<sup>st</sup> IOELV Directive)</b>	Not assigned.
<b>Engineering Controls</b>	Where exposure may occur, engineering controls, rather than the provision of Personal Protective Equipment (PPE) should be employed. On completion of a risk assessment, the following PPE may be required:
<b>Eye Protection</b>	Suitable eye protection such as goggles.
<b>Hand Protection</b>	Suitable gloves.
<b>Skin Protection</b>	Suitable skin protection such as coveralls.
<b>Breathing Protection</b>	None necessary during normal handling and use.
<b>Environmental Exposure Controls</b>	Use only in accordance with instructions given.

<b>9 PHYSICAL AND CHEMICAL PROPERTIES</b>			
<b>Appearance and Odour</b>	A clear to pale straw coloured liquid, with a very faint odour.		
<b>pH</b>	7.8 °C	<b>Solubility in Water</b>	Miscible.
<b>Density</b>	Not determined.	<b>Solubility in Other Solvents</b>	Not determined.
<b>Flash Point</b>	Not determined.	<b>Explosive Properties</b>	Not determined.
<b>Flammability</b>	Non-flammable.	<b>Combustibility</b>	Non-combustible.
<b>Boiling Point/Range</b>	Not determined.	<b>Oxidising Properties</b>	Not determined.
<b>Vapour Density</b>	Not determined.	<b>Evaporation Rate</b>	Not determined.
<b>Vapour Pressure</b>	Not applicable.	<b>Partition Coefficient</b>	Not applicable.
<b>Viscosity</b>	Not determined.	<b>Other Data</b>	Specific gravity 1.0

## 10 STABILITY AND REACTIVITY

<b>Conditions to avoid</b>	Avoid extremes of temperature, e.g. below 0°C and above 40°C.
<b>Materials to avoid</b>	Avoid contact with acids and oxidising agents.
<b>Hazardous Breakdown Products</b>	None.

## 11 TOXICOLOGICAL INFORMATION (SEE ALSO BOX 2)

<b>Acute Toxicity</b>	Oral	Ingestion may cause nausea, vomiting and diarrhoea.
	Inhalation	No data available.
	Dermal	No data available.
<b>Corrosivity/Irritation</b>	Skin	Prolonged or repeated exposure may cause irritation to skin.
	Eyes	Prolonged or repeated exposure may cause irritation to eyes.
	Respiratory tract	May cause irritation to respiratory tract.
<b>Sensitisation</b>	Skin	Contains less than 0.1% skin sensitisers in the form of a mixture of; 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazol-3-one (3:1).
	Respiratory	Contains no known respiratory sensitisers.
<b>Repeat-Dose Toxicity</b>		Product does not contain any components known to have any effects relating to repeated-dose toxicity.
<b>Mutagenicity</b>		Product does not contain any components known to have a mutagenic effect.
<b>Carcinogenicity</b>		Product does not contain any components known to have a carcinogenic effect.
<b>Reproductive Toxicity</b>	Fertility	Product does not contain any components known to have effects on fertility.
	Development	Product does not contain any components known to be toxic to the reproductive system.
<b>Other Information</b>		None known.

## 12 ECOLOGICAL INFORMATION

<b>General Information</b>	This product does not contain any substances that are classified as dangerous to the environment present above the lower limits of concentration as specified in EC Directive 1999/45. Controlled release of this product is not expected to cause environmental contamination. Use only in accordance with instructions given.
<b>Ecotoxicity Data</b>	No relevant data available.
<b>Mobility</b>	No relevant data available.
<b>Persistence and Degradability</b>	Not expected to persist in the environment.
<b>Bioaccumulative Potential</b>	Not expected to bioaccumulate.
<b>Other Adverse Effects</b>	None.

## 13 DISPOSAL CONSIDERATIONS

<b>Disposal of Waste / Containers</b>	Under normal circumstances, waste / empty containers will be disposed of by Rentokil Initial.
<b>Classification</b> (Council Directive 91/689/EC, Commission Decision 2000/532/EC (amended) Commission Decision 2001/118/EC))	Not classified. <u>Components making the waste hazardous</u> <u>Concentrations (%)</u> :  Not required.
<b>Note for Disposal</b>	For further advice about disposal, in the UK, contact the local office of the Environment Agency (England and Wales) or Scottish Environment Protection Agency. Local rate from anywhere in the UK: +44 (0) 870 850 6506.

**14 TRANSPORT INFORMATION (INTERNATIONAL UNLESS OTHERWISE INDICATED)**

<b>UN No.</b>	Not classified.	<b>Tremcard Reference No.</b>	Not required.	<b>RIS Code</b>
<b>Transport Category</b>	Not required.	<b>UK Hazchem EAC</b>	Not required.	PBT131
<b>ADR 2005 (International Road) Proper Shipping Name</b>	<b>Class</b> Not required.	<b>ADR HIN</b>	Not required.	<b>Labels</b>  Not required.
<b>Limited Quantity Exemptions</b>	Not required.			
<b>Special Requirements</b>	Not required.	<b>Packing Group</b>	Not required.	
<b>IMDG 2004 (Sea) Proper Shipping Name</b>	<b>Class</b> Not required.	<b>IMDG EMS</b>	Not required.	
<b>Limited Quantity Exemptions</b>	Not required.			
<b>Special Requirements</b>	Not required.	<b>Packing Group</b>	Not required.	
<b>Note for Transport</b>	Local, State or National requirements may apply to the carriage of this product.			

**15 REGULATORY INFORMATION (HEALTH AND SAFETY INFORMATION (SEE ALSO BOX 2))**

<b>Safety Phrases</b>	S24 Avoid contact with skin. S36 Wear suitable protective clothing. S37 Wear suitable gloves.
<b>Additional Label Phrases</b>	Contains a mixture of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazol-3-one (3:1). May produce an allergic reaction.
<b>Legislation</b>	Labelling is in accordance with UK regulations implementing the EC Directive 1999/45. Additional labelling requirements may be necessary in accordance with other National legislation. Outside the UK, the registration of this product may be necessary before use and any additional local requirements must be observed at all times. The information given on this Safety Data Sheet (SDS) <b>does not</b> constitute an assessment in accordance with Control of Substances Hazardous to Health (COSHH) Regulations 2002, in the UK. Other National measures or guidance should be followed where appropriate.

**16 Other Information and indication of revisions**

<b>Packaging Information</b>	A plastic 12.5 litre container with a screw top.
<b>Revisions</b>	Changes have been made to the content of boxes 01, 03, 04, 05, 06, 07, 08, 09, 11, 12, 13, 14, 15 & 16 (as indicated by the thick lines on the left-hand side of the boxes) compared with issue 05.
<b>Risk phrase text</b> (From box 3 - These refer to the ingredients only. See box 2 for the product risk phrases)	R23/24/25 :Toxic by inhalation, in contact with skin and if swallowed. R34 :Causes burns. R43 :May cause sensitisation by skin contact. R50,53 :Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**BT 131**

SDS No. 296

Issue : 06

10 : 05 : 2006

Page 4 of 4

**Before using any product, ensure that you read and understand its label.**

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.

Copyright © (2006) Rentokil Initial plc, R&amp;D, Felcourt, East Grinstead, West Sussex. RH19 2JY. United Kingdom.

Telephone: +44 (0) 1342 836180 Fax: +44 (0) 1342 Web: [www.ri-research.com](http://www.ri-research.com)