

# Safety Data Sheet

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1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY	
<b>Product Name</b>	<b>RENTOKIL TRIPLE ACTION BIN FRESH HSE 8869</b>
<b>Description</b>	A waste container disinfectant with a light floral fragrance and residual insecticide activity.
<b>Company</b>	Rentokil Initial Supplies, Liverpool, L33 7SR. Product advice line: +44 (0)151 548 5050 Emergency line: +44 (0)1293 858 000 E-mail: <a href="mailto:sds@rentokil.com">sds@rentokil.com</a>

2 HAZARD IDENTIFICATION	
<b>Classification (Supply – Use) : In compliance with EC Directive 1999/45.</b>	
<b>N Dangerous for the environment</b>	R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>Adverse Physical, Chemical, Significant Human Health and Environmental Effects (See also box 11):</b>	
This product is not expected to cause significant adverse human health effects. However, ingestion of large quantities may cause stomach pain or vomiting. Prolonged contact with skin or eyes may result in irritation and inhalation may cause irritation to the respiratory tract.	
No other significant adverse effects expected under normal conditions of handling and use.	

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	Cypermethrin EINECS : 257-842-9 CAS : 52315-07-8	X <sub>n</sub> : R20/22 X <sub>i</sub> : R37 N : R50,53
> 1.0 ≤2.5	Isopropanol*/propan-2-ol EINECS : 200-661-7 CAS : 67-63-0	F : R11 X <sub>i</sub> : R36, R67

<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>	May emit noxious and toxic fumes.

<b>6 ACCIDENTAL RELEASE MEASURES</b>	
<b>Personal Precautions (See also box 8)</b>	Wear suitable personal protective equipment.
<b>Environmental Precautions</b>	This product is classified as dangerous for the environment. 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</b>	No specific handling requirements.
<b>Storage</b>	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>	Workplace Exposure Limit (WEL) for propan-2-ol is 999 mg/m <sup>3</sup> long-term exposure (8 hour Time Weighted Average) and 1250 mg/m <sup>3</sup> short-term exposure (15 minute reference period).
<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>	Label advice indicates none necessary under normal handling and use. However, consider other precautionary requirements.
<b>Hand Protection</b>	Label advice indicates none necessary under normal handling and use. However, consider other precautionary requirements.
<b>Skin Protection</b>	Label advice indicates none necessary under normal handling and use. However, consider other precautionary requirements.
<b>Breathing Protection</b>	Label advice indicates none necessary under normal handling and use. However, consider other precautionary requirements.
<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 colourless to pale yellow liquid with a floral odour.		
<b>pH</b>	ca. 6.5 at 20°C	<b>Solubility in Water</b>	Not determined.
<b>Specific Gravity</b>	0.998 at 20°C	<b>Solubility in Other Solvents</b>	Not determined.
<b>Flash Point</b>	Not applicable.	<b>Explosive Properties</b>	Not determined.
<b>Flammability</b>	Non-flammable.	<b>Combustibility</b>	Not determined.
<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 determined.	<b>Partition Coefficient</b>	Not applicable.
<b>Viscosity</b>	Similar to water.	<b>Other Data</b>	None known.

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## 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 strong acids, alkali or oxidising agents.
<b>Hazardous Breakdown Products</b>	May emit noxious and toxic fumes.

## 11 TOXICOLOGICAL INFORMATION (SEE ALSO BOX 2)


<b>Acute Toxicity</b>	Oral Inhalation Dermal	For cypermethrin: LD <sub>50</sub> (rat): >250 mg/kg. For propan-2-ol: LC <sub>50</sub> (rat) (4hr): 30 mg/L. For propan-2-ol: LD <sub>50</sub> (rabbit): 128000 mg/kg.
<b>Corrosivity/Irritation</b>	Skin Eyes Respiratory tract	May cause irritation to skin. May cause irritation to eyes. Inhalation may cause irritation to the respiratory tract.
<b>Sensitisation</b>	Skin Respiratory	Contains less than 0.1% skin sensitisers in the form of polymeric biguanide hydrochloride 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 Development	Product does not contain any components known to have effects on fertility. Product does not contain any components known to be toxic to the reproductive system.
<b>Other Information</b>		May cause stomach pain or vomiting if ingested.

## 12 ECOLOGICAL INFORMATION

<b>General Information</b>	This product is classified as very toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment. However, when used in accordance with instructions given, controlled release of this product is not expected to cause environmental contamination.
<b>Ecotoxicity Data</b>	For cypermethrin: Brown trout LC <sub>50</sub> (96h) : 0.002 mg/L
<b>Mobility</b>	Product is expected to be mobile in water.
<b>Persistence and Degradability</b>	There is no evidence of photodegradation in water of the polymeric biguanide hydrochloride
<b>Bioaccumulative Potential</b>	The fragrance and polymeric biguanide hydrochloride have a low potential for bioaccumulation.
<b>Other Adverse Effects</b>	None known.

## 13 DISPOSAL CONSIDERATIONS

<b>Disposal of Waste / Containers</b>	This product is dangerous for the environment. Do not discharge waste washings or waste product to sewers, drains or watercourses. This product is for amateur use only and can therefore be disposed of as normal household waste. However, if used in a place of work, ensure this product is disposed of as controlled waste, in accordance with the appropriate regulations.
<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> Not required.
<b>Note for Disposal</b>	<u>Concentrations (%):</u> Not required.  The best means of disposal of any product is through proper use according to the label. 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.

<b>14 TRANSPORT INFORMATION (INTERNATIONAL UNLESS OTHERWISE INDICATED)</b>				
<b>UN No.</b>	UN3082	<b>TREMCARD REFERENCE No.</b>	90GM6-III	<b>RIS CODE</b>
<b>TRANSPORT CATEGORY</b>	3	<b>UK HAZCHEM EAC</b>	3Z	PST79
<b>ADR 2007 (INTERNATIONAL ROAD)</b>	<b>CLASS 9</b>	<b>ADR HIN</b>	90	<b>LABELS</b>
<b>PROPER SHIPPING NAME</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains cypermethrin).			
<b>LIMITED QUANTITY EXCEPTIONS</b>	Maximum quantity per inner receptacle is 5L. Maximum quantity per outer package is 30 kg. Combination packs only.			
<b>SPECIAL REQUIREMENTS</b>	None required. <b>PACKING GROUP III</b>			
<b>IMDG 2006 (SEA)</b>	<b>CLASS 9</b>	<b>IMDG EMS</b>	F-A, S-F	
<b>PROPER SHIPPING NAME</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains cypermethrin).			
<b>LIMITED QUANTITY EXCEPTIONS</b>	Maximum quantity per inner receptacle is 5L. Maximum quantity per outer package is 30 kg. Combination packs only.			
<b>SPECIAL REQUIREMENTS</b>	None required. <b>PACKING GROUP III</b>			
<b>NOTE FOR TRANSPORT</b>	Local, State or National requirements may apply to the carriage of this product.			

<b>15 REGULATORY INFORMATION (HEALTH AND SAFETY INFORMATION (SEE ALSO BOX 2))</b>	
<b>Safety Phrases</b>	S29 Do not empty into drains. S35 This material and its container must be disposed of in a safe way. S61 Avoid release to the environment. Refer to special instruction/safety data sheets.
<b>Additional Label Phrases</b>	To avoid risks to man and the environment, comply with the instructions for use.
<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.

<b>16 Other Information and indication of revisions</b>	
<b>Packaging Information</b>	A 500 ml high-density polyethylene trigger spray bottle with a nozzle packed in a cardboard box with a cardboard lid.
<b>Revisions</b>	Not applicable.
<b>Risk phrase text</b>	R11 : Flammable. R20/22 : Harmful by inhalation and if swallowed. R36 : Irritating to eyes. R37 : Irritating to respiratory system. R67 : Vapours may cause drowsiness and dizziness. R50,53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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**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.

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