

# Safety Data Sheet

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**REVISION (see box 16)**

Issue : 06 15 : 06 : 2006

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY	
<b>Product Name</b>	<b>CP 710</b>
<b>Description</b>	A white, odourless, powdered acid descaler and cleaner for use by Rentokil Initial service staff.
<b>Company</b>	Rentokil Initial Supplies, Webber Road, Knowsley Industrial Park, Liverpool, L33 7SR. For general enquiries telephone: +44 (0) 151 548 5050. For safety or regulatory enquiries telephone: + 44 (0) 1342 833 022.

2 HAZARD IDENTIFICATION	
<b>Classification (Supply – Use) : In compliance with EC Directive 1999/45.</b>	
<b>X<sub>i</sub> Irritant</b>	R36/38 Irritating to eyes and skin.  R52,53 Harmful 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>	
Elevated temperatures may lead to the release of sulphur dioxide and ammonia fumes. Decomposition liberates sulphur dioxide.	
Causes severe eye irritation and moderate skin irritation especially on prolonged contact. Inhalation may lead to moderate irritation of the respiratory system. Ingestion can cause severe internal irritation and damage if consumed in large quantities. Also soreness, redness and burns may occur to the mouth due to the acidity of the product.	
Not expected to cause adverse environmental effects if 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
>50.0 ≤100.0	Sulphamic acid  EINECS : 226-218-8 CAS : 5329-14-6	X <sub>i</sub> : R36/38 R52,53

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<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. However, the use of water will generate solutions which are strongly acidic and may generate acid mist.
<b>Special Fire-Fighting Procedures</b>	Wear suitable personal protective equipment.
<b>Special Exposure Hazards</b>	Elevated temperatures may lead to the release of sulphur dioxide and ammonia 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>	Gather up spilt material and transfer to a suitable container for re-use or subsequent disposal.

<b>7 HANDLING AND STORAGE (SEE ALSO BOX 8)</b>	
<b>Handling Storage</b>	The damp solid is corrosive to mild steel. 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 hand protection such as gloves.
<b>Skin Protection</b>	Suitable skin protection such as coveralls.
<b>Breathing Protection</b>	Not indicated by product classification.
<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 white, odourless, crystalline solid.		
<b>pH</b>	Not applicable.	<b>Solubility in Water</b>	Soluble.
<b>Bulk Density</b>	2.1 g/cm <sup>3</sup> (Sulphamic acid)	<b>Solubility in Other Solvents</b>	Soluble.
<b>Flash Point</b>	Not applicable.	<b>Explosive Properties</b>	None known.
<b>Flammability</b>	Non-flammable.	<b>Combustibility</b>	Non-combustible.
<b>Boiling Point/Range</b>	Not applicable.	<b>Oxidising Properties</b>	None known.
<b>Vapour Density</b>	Not applicable.	<b>Evaporation Rate</b>	Not applicable.
<b>Vapour Pressure</b>	Not applicable.	<b>Partition Coefficient</b>	Not applicable.
<b>Viscosity</b>	Not applicable.	<b>Other Data</b>	Melting point: ca. 205°C (Sulphamic acid).

## 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 alkalis and oxidising agents.
<b>Hazardous Breakdown Products</b>	Elevated temperatures may lead to the release of sulphur dioxide and ammonia fumes. Decomposition liberates sulphur dioxide and nitrogen.

## 11 TOXICOLOGICAL INFORMATION (SEE ALSO BOX 2)

<b>Acute Toxicity</b>	Oral	For Sulphamic acid : LD <sub>50</sub> (rat) : 1600 mg/kg. Ingestion can cause severe internal irritation and damage if consumed in large quantities.
	Inhalation	May cause nausea and irritation on inhalation.
	Dermal	Not determined.
<b>Corrosivity/Irritation</b>	Skin	Irritating to skin.
	Eyes	Irritating to eyes.
	Respiratory tract	May cause irritation to respiratory tract.
<b>Sensitisation</b>	Skin	Contains no known skin sensitisers.
	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 is classified as harmful 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 Sulphamic acid : LC <sub>50</sub> <i>pimephates promeles</i> (96hr) : 70.3 mg/L
<b>Mobility</b>	Mobile in aquatic media.
<b>Persistence and Degradability</b>	Not determined.
<b>Bioaccumulative Potential</b>	Unlikely to bioaccumulate.
<b>Other Adverse Effects</b>	None known.

## 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))	<u>Hazard Code</u> : H4- Irritant H14: Ecotoxic <u>Components making the waste hazardous</u> <u>Concentrations (%)</u> : Sulphamic acid >50.0 ≤100.0
<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.

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14 TRANSPORT INFORMATION (INTERNATIONAL UNLESS OTHERWISE INDICATED)				
UN No.	UN2967	Tremcard Reference No.	CEFIC TEC (R)- 80GC9-II+III	RIS Code
Transport Category	3	UK Hazchem EAC	2Z	PSV25
ADR 2005 (International Road)	Class 8	ADR HIN	80	Labels
Proper Shipping Name	Sulphamic acid.			
Limited Quantity Exemptions	Maximum quantity per inner receptacle is 6 kg. Maximum quantity per outer package is 30kg. Combination packs only.			
Special Requirements	Not required. <b>Packing Group III</b>			
IMDG 2004 (Sea)	Class 8	IMDG EMS	F-A, S-B	
Proper Shipping Name	Sulphamic acid.			
Limited Quantity Exemptions	Maximum quantity per inner receptacle is 5 kg. Maximum quantity per outer package is 30kg. Combination packs only.			
Special Requirements	Not required. <b>Packing Group III</b>			
Note for Transport	Local, State or National requirements may apply to the carriage of this product.			

15 REGULATORY INFORMATION (HEALTH AND SAFETY INFORMATION (SEE ALSO BOX 2))	
Safety Phrases	<p>S24/25 : Avoid contact with skin and eyes.</p> <p>S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</p> <p>S35 : This material and its container must be disposed of in a safe way.</p> <p>S36/37/39 : Wear suitable protective clothing, gloves and eyes/ face protection.</p> <p>S61 : Avoid release to the environment. Refer to special instructions/ safety data sheet.</p>
Additional Label Phrases	Not required.
Legislation	<p>Labelling is in accordance with UK regulations implementing the EC Directive 1999/45.</p> <p>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.</p> <p>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.</p>

16 Other Information and indication of revisions	
Packaging Information	A 25 kg tub.
Revisions	Changes have been made to the content of boxes 01, 02, 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.
Risk phrase text (From box 3 - These refer to the ingredients only. See box 2 for the product risk phrases)	<p>R36/38 : Irritating to eyes and skin.</p> <p>R52,53 : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment</p>

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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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Telephone: +44 (0) 1342 833022 Fax: +44 (0) 1342 836180 Web: [www.ri-research.com](http://www.ri-research.com)