

SAFETY DATA SHEET



SPECIAL DESCALER

Safety Data Sheet

Page: 1 of 3

Issue Date: March 2024

Product Name **Special Descaler**

Classified as hazardous

1. Company Details / Identification

GHS Product Identifier	Special Descaler
Company Name	Comcater
Address	191 Salmon Street, Port Melbourne VIC 3207 Tel: (03) 8369 4600
Telephone/Fax Number	Fax: (03) 8369 4666 Poisons Information Centre - 13 11 26
Emergency Contact	An acidic cleaning agent used for descaling Steam Generators within Rational Combi Ovens.
Recommended use of the chemical and restrictions on use	Directions for Use: Refer to Rational's Descaling instructions with the use of Personal Protective Equipment.

2. Hazard Identification

GHS classification of the substance/mixture	Corrosive to Metals: Category 1 Skin Corrosion/Irritation: Category 1C Eye Damage/Irritation: Category 2A
Signal Word (s)	Warning
Hazard Statement (s)	H290 May be corrosive to metals. H314 Causes severe skin burns and eye damage.
Pictogram (s)	Corrosion



Precautionary statement – Prevention	P260 Do not breathe dust/fume/gas/mist/vapours/spray. P264 Wash affected area thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary statement – Response	P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P363 Wash contaminated clothing before reuse. P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P310 Immediately call a POISON CENTER or doctor/physician. P321 Specific treatment (see First Aid Measures on this SDS). P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P405 Store locked up.
Precautionary statement – Storage	

3. Composition/information on ingredients

Information on Composition	All ingredients in this product are listed on the Australian Inventory of Chemical Substances (AICS).				
Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>	<u>Hazard Symbol</u>	<u>Risk Phrase</u>
	Sulphamic acid	5329-14-6	10-30 %	Xi	R36/38

4. First-aid measures

Inhalation	Remove victim to fresh air.
Ingestion	Do not induce vomiting. Give plenty of water to drink. Seek immediate medical assistance.
Skin	Wash with plenty of soap and water. Seek medical advice if effects persist.
Eye contact	Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical attention.

Safety Data Sheet

Page: 2 of 3

Issue Date: March 2024

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Advice to Doctor Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Specific hazards arising from the chemical Dangerous when heated to decomposition or on contact with acid or acid fumes, it emits highly toxic fumes of SO_x.
Explosion hazard: Not considered explosive.

Hazchem Code 2X

6. Accidental release measures

Spills & Disposal Contain using sand and earth - prevent runoff into drains and waterways. Collect and seal in properly labelled drums for disposal. Neutralise remaining product with lime or soda ash, adjusting pH to 6-10. Wash area down with excess water.

7. Handling and storage

Precautions for Safe Handling Handle and open containers with care. Prevent spillages. Avoid prolonged or repeated contact with skin and eyes .

Conditions for safe storage, including any incompatibilities Keep only in original container. Keep away from direct sunlight
Keep away from strong bases.

8. Exposure controls/personal protection

Appropriate engineering controls Use with adequate ventilation.

Personal Protective Equipment Wearing of the following personal protective equipment is recommended. Safety glasses, goggles or faceshield as appropriate. PVC or rubber gloves. Overalls or similar protective apparel.

9. Physical and chemical properties

Form Liquid

Appearance A clear liquid with no distinct odour.

Boiling Point Not Allocated

Specific Gravity 1.13

pH 1.0

Vapour Pressure Not Allocated

Flash Point Not Allocated

Flammability Non flammable.

Flammable Limits - Lower Not Allocated

Other Information Solubility in water : Soluble

10. Stability and reactivity

Chemical Stability Stable under normal use conditions.
Reacts exothermically with bases (e.g. caustic soda), ammonia, primary and secondary amines.

Incompatible Materials Strong bases.

11. Toxicological Information

Toxicology Information Sulphamic acid - Acute toxic data:
Oral LD50 (rat) = 1.6 mg/kg
ipLD50(rat) = 100 mg/kg

Ingestion May be harmful if swallowed.
May cause irritation to mouth, throat and stomach.

Safety Data Sheet

Page: 3 of 3

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Inhalation	May cause irritation to the throat and lungs.
Skin	Contact with skin will result in mild irritation. Corrosive to skin - may cause skin burns.
Eye	Harmful to the eyes. Corrosive to eyes; contact can cause corneal burns.

12. Ecological information

Environmental Protection	Avoid contaminating waterways, drains, sewers, or ground.
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13. Disposal considerations

Waste Disposal	Refer to State Land Waste Management Authority or a Licensed disposal contractor for disposal. Empty containers must be decontaminated, rinse with water before landfill disposal.
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14. Transport information

U.N. Number	3264
UN proper shipping name	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
Transport hazard class(es)	8
Hazchem Code	2X
Packaging Method	3.8.8
Packing Group	III
Storage and Transport	Observe the requirements of the Australian Code for the transport of dangerous goods by road and rail. Store in cool place and out of direct sunlight. Keep containers securely sealed and protected against physical damage.
IERG Number	37

15. Regulatory information

Poisons Schedule	S5
Packaging & Labelling	As required by the ADG Code and the Standard for the Uniform Scheduling of Drugs and Poisons.
Hazard Category	Irritant

16. Other Information

Contact Person/Point Australian Distributor	Comcater National Head Office: 191 Salmon Street Port Melbourne VIC 3207 Phone (03) 8369 4600 fax (03) 8369 4666
Manufacturer	Hydro-Chem Pty Ltd (Head Office & Manufacturing Facility) 23B Industrial Drive Braeside VIC 3195 Phone (03) 9553 1011 Fax (03) 9553 1387
Other Information	This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.