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**IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

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Company: Cleaning Essentials On the Run  
Address: 1 Audrey Court, Toowoomba, QLD, 4350  
Phone: 4636 2679 Fax:4636 2677  
Emergency Telephone Number: Poisons Information Centre 131126

**Product Name: SULPHAMIC ACID DESCALER**

Other Names: None  
Manufacturer's Product Code: ds-5  
Recommended Use: Acidic Powdered Detergent

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**HAZARDS IDENTIFICATION**

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**CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA**  
**CLASSIFIED DANGEROUS GOODS ACCORDING TO THE CRITERIA OF THE ADG CODE FOR TRANSPORT**  
Risk Phrases: Xi : Irritant R36/38  
Safety Phrases: S2, S7, S8,S14 S26 – 28 - 45

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**COMPOSITION / INFORMATION ON INGREDIENTS**

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**INGREDIENTS**

<i>Chemical Entity</i>	<i>CAS Number</i>	<i>Proportion (%)</i>
Sulphamic acid [sulfamic]	5329-14-6	> 60
Ingredients determined not to be hazardous		to 100

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**FIRST AID MEASURES**

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**FIRST AID TREATMENT**

**Swallowed:** If swallowed, **DO NOT** induce vomiting. Give a glass of water to drink and seek medical advice.

**Eye:** If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor urgently.

**Skin:** If skin contact occurs, remove contaminated clothing and wash skin thoroughly. Wash clothing before reuse.

**Inhaled:** Remove victim from exposure if safe to do so. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume a comfortable position and keep warm. Seek medical assistance if symptoms persist.

**First Aid facilities:** Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers.

**Advice to Doctor:** Treat symptomatically.

**Additional Information:** None available.

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**FIRE FIGHTING MEASURES**

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**Fire/Explosion Hazard:** Combustible. This product will burn if exposed to fire. Fire or excessive heat may produce hazardous decomposition products. This product in sufficient quantity and reduced particle size is capable of creating a dust explosion. Fire or excessive heat may produce hazardous decomposition products such as nitrous gases and sulphur oxides. Fire fighters to wear self-contained breathing apparatus in the event of a fire. Use water fog, or fine spray mist to extinguish.

**Additional Information:** Run off water will be acidic. Hazchem code 2R.

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**ACCIDENTAL RELEASE MEASURES**

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**Spills and Disposal:** Spills may be slippery. Remove non-essential personnel from the area. Ensure that any alkalis or other products of incompatible classes near the spill are removed. Dam and recover. Prevent entry into drainage systems, sewers and waterways. Collect with inert absorbent material such as sand or earth. Consult Local Authority on disposal.

## Product: SULPHAMIC ACID DESCALER

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### HANDLING AND STORAGE

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**Precautions for Safe Handling and Storage:** Classified Dangerous Goods for storage. When not being used, the product containers should be stored upright, and secured with the original closure. If transfer to another container becomes necessary, ensure that the container is clearly labelled, the container is of a type suitable for the product, and is clean and free of other materials. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands.

**Dispensing:** Always use clean and dry equipment to dispense the product. Dispenser should be cleaned before and after use. All dispensers should be washed out after use.

**Flammability:** Combustible material.

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### EXPOSURE CONTROLS / PERSONAL PROTECTION

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**Exposure Standards:** There are no exposure standards available for this product or its components.

**Personal Protective Equipment:** Use sensible work practices that reduce operator exposure to the product. Protective clothing and equipment must be worn: chemically impervious gloves, safety glasses, overalls, waterproof apron and rubber boots. Respiratory protection should be used if there is a risk of exposure to high vapour concentrations. Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.

**Engineering Controls:** Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling dusts. Keep containers closed when not in use.

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### IDENTIFICATION

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#### PHYSICAL DESCRIPTION / CHEMICAL PROPERTIES

Appearance	pINK powder
Odour	Distinctive
Boiling Point (°C):	Not measured
Vapour Pressure (mmHg @ 20°C):	Not measured
Specific Gravity (g/ml @ 25°C):	Not measured
Flashpoint (°C):	None
Flammability Limits (%):	Not measured
Solubility in Water	Soluble in water
pH: (1%)	< 1

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### STABILITY AND REACTIVITY

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**Reactivity Hazards:** The product is stable under normal conditions of temperature and pressure. However do not store near high heat sources, alkaline materials, or strong oxidising or reducing agents. Will react violently with alkaline materials, generating heat, and chlorine based materials releasing toxic gases.

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### TOXICOLOGICAL INFORMATION

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#### HEALTH EFFECTS

*Acute:*

**Swallowed:** Corrosive. Will cause severe irritation, nausea, vomiting and possible chemical burns to the mouth and digestive tract.

**Eye:** Will cause severe irritation and reddening. Prolonged contact may cause permanent damage.

**Skin:** Will cause irritation to the skin. Prolonged contact may cause chemical burns.

**Inhaled:** Inhalation will cause severe irritation to the respiratory system. Inhalation may cause burns to the mucous membranes and upper respiratory tract. Inhalation of large amounts may cause pulmonary oedema, which may be delayed up to 48 hours.

**Chronic:** No information available.

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### ECOLOGICAL INFORMATION

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**Ecotoxicity:** Concentrated product is harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Dilute concentrated product well with water and consult Local Authority on disposal.

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### DISPOSAL CONSIDERATIONS

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**Disposal Methods:** Dilution with water and neutralisation is preferred disposal. Ensure waste disposal conforms to Local Waste Regulations.

**Product: SULPHAMIC ACID DESCALER**

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**TRANSPORT INFORMATION**

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UN Number:	2967	Proper Shipping Name:	Sulfamic Acid
Class:	8	Subsidiary Risk:	None allocated
Packing Group:	III	Hazchem Code:	2Z

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**REGULATORY INFORMATION**

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Poisons Schedule: 6	Hazardous substances
	Xi Irritant
	R 36/38 Irritating to eyes and skin
	S 2 Keep Out of Reach of Children
	S 7/8 Keep container dry and lid tightly closed
	S 14 Keep away from Chlorine based products.
	S 28 After contact with skin, wash immediately with plenty of soap suds.
	S 45 In case of accident or if you fell unwell, seek medical Advice immediately [show the label whenever possible]
	S 50 Do not mix with acids or acidic products.

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**OTHER INFORMATION**

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Further Information may be obtained by contacting the manufacturer on (07) 3166 0706.

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The information sourced for the preparation of this document was correct and complete at the time or writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

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**END OF MSDS**