



Date of Issue: 17 November 2016

# Vanish Descaler

## 1. IDENTIFICATION OF MATERIAL AND SUPPLIER

<b>Product Name</b>	Vanish Descaler
<b>Code</b>	50090
<b>Product Use</b>	Acid Descaler
<b>Company Name</b>	Dominant (Australia) Pty Ltd
<b>Address</b>	12 Coglin Street, Brompton SA 5007, Australia
<b>Telephone</b>	1300 789 852 or +61 (8) 8245 6900
<b>Facsimile</b>	+ 61 (8) 8340 1626
<b>Emergency Phone</b>	13 11 26

## 2. HAZARDS IDENTIFICATION

<b>GHS Classification</b>	<b>Eye Damage 1</b> <b>Skin Corrosion 1</b> <b>Aquatic Chronic 3</b>
<b>Signal Word</b>	<b>DANGER</b>
<b>Hazard Statements</b>	<b>Causes severe skin burns and eye damage</b> <b>Harmful to aquatic life with long lasting effects</b>
<b>Precautionary Statements</b>	Keep out of reach of children Wash hands thoroughly after handling. Do not breathe dusts. Wear protective gloves / protective clothing / eye protection / face protection. Store locked up.  IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.  IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.  IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.  Dispose of contents/container in accordance with state regulations

### Pictograms



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**Product name: Vanish Descaler****3. COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredients	Name	CAS	Proportion
	Sulphamic acid	5329-14-6	>60%
	Non ionic surfactant	Not available	1 – 5%
	Ingredients determined not to be hazardous		Balance

**4. FIRST AID MEASURES**

<b>Ingestion</b>	If swallowed do NOT induce vomiting. Immediately wash out mouth with water. Seek urgent medical attention.
<b>Eye</b>	If in eyes, hold eye lids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek urgent medical attention.
<b>Skin</b>	If skin contact occurs, remove contaminated clothing and flush skin and hair with running water. Do not re-use contaminated clothing until washed. Seek medical attention.
<b>Inhaled</b>	Not normally a problem due to method of use. However if breathing is affected, remove victim from contaminated area. If problem persists seek urgent medical attention.
<b>First Aid Facilities</b>	An eye wash and general washing facility should be available to the work area.
<b>Advice to Doctor</b>	Treat symptomatically. For advice contact a Poisons Information Centre. (Phone Australia 13 11 26; New Zealand 0800 764 766)

**5. FIRE FIGHTING MEASURES**

<b>Extinguishing Media</b>	Use appropriate extinguishing media to suit surrounding area. Do not use a direct water stream.
<b>Hazards from Combustion</b>	Material does not burn. If involved in fire hazardous decomposition products include toxic gases and vapours.
<b>Precautions for Fire Fighters</b>	Wear chemical splash suit and SCBA. Keep containers cool by spraying with water. Contact with metals may evolve flammable hydrogen gas.
<b>Hazchem</b>	2Z

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**Product name: Vanish Descaler****6. ACCIDENTAL RELEASE MEASURES**

<b>Emergency Procedures</b>	Keep unauthorised people away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Prevent spillage from entering drains / storm water as environmental damage may result.
<b>Clean Up</b>	Use dry clean up procedure, avoid creating dust. Collect and put into plastic bags or containers and dispose of through waste disposal contractor. Rinse area with water. Rinse area with plenty of water, preventing run off from entering drains.

**7. HANDLING AND STORAGE**

<b>Handling</b>	Wear appropriate protective clothing to prevent skin and eye contact. Use in well ventilated area. Keep containers closed when not in use. Maintain a high standard of personal hygiene. Wash hands immediately after using product.
<b>Storage</b>	Corrosive product. Store in a cool, dry, well ventilated place out of direct sunlight. Store in closed containers. Store away from incompatible materials such as caustic compounds, chlorine bleaches, aluminium or zinc. Store locked up.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Exposure Standards</b>	No exposure standards are listed for the product
<b>Engineering Controls</b>	Ensure ventilation is adequate. Product is designed for use in CIP systems or soak tanks. Do not spray product.
<b>Personal Protective Equipment</b>	Wear overalls, chemical goggles or face mask, safety shoes or boots and impervious gloves. If mist or vapour exists wear respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	White granular powder with mild odour.
<b>Solubility in Water</b>	Soluble
<b>pH</b>	1.5 (1% solution)
<b>Flash Point</b>	Not applicable
<b>Melting Point</b>	Not applicable
<b>Boiling Point</b>	Not available
<b>Specific Gravity</b>	Not available

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**Product name: Vanish Descaler****10. STABILITY AND REACTIVITY**

<b>Stability</b>	Stable product
<b>Hazardous Polymerisation Conditions to Avoid</b>	Will not occur
<b>Incompatible Materials</b>	Do not mix with caustic compounds or chlorine bleaches. Reacts with caustic compounds and evolves toxic chlorine gas if mixed with chlorine bleach. Attacks aluminium, tin, zinc and concrete.

**11. TOXICOLOGICAL INFORMATION**

<b>Ingestion</b>	Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and bleeding. Can cause chemical burns to the mouth, oesophagus and gastrointestinal tract.
<b>Eye</b>	Corrosive to eyes. Will cause severe irritation and chemical burns. Contamination of eyes can result in permanent injury or blindness if not treated promptly and thoroughly.
<b>Skin</b>	Contact with skin will result in severe irritation. Corrosive to skin – may cause skin burns.
<b>Inhalation</b>	Inspired dusts cause severe irritation to the mucous membranes and upper respiratory tract.
<b>Chronic Effects</b>	Prolonged or repeated exposure to this product will result in skin irritation and possibly result in dermatitis.
<b>Toxicological Data</b>	None available for product. For Sulphamic acid. Skn-hmn 4%/5D – I Mild Orl-rat LD50: 3160 mg/kg (Reference: Dangerous Properties of Industrial Materials 7 <sup>th</sup> Edition)

**12. ECOLOGICAL INFORMATION**

<b>Ecotoxicity</b>	Avoid contaminating waterways.
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**13. DISPOSAL CONSIDERATIONS**

Refer to Waste Management Authority. Dispose of material through licensed waste contractor. Assure conformity with all applicable regulations.

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**14. TRANSPORT INFORMATION**

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UN No.	2967
Proper Shipping Name	SULPHAMIC ACID
Hazchem Code	2Z
Class	8 Corrosive
Packing Group	III

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**15. REGULATORY INFORMATION**

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**Classification** Poisons Schedule: Schedule 6 according to the Poisons Standard March 2016

Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

Approved by AQIS as Acid Cleaner

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**16. OTHER INFORMATION**

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**Contact Point** Dominant Australia. Phone 08 8245 6900  
24 hour medical emergency 13 11 26

**Date of preparation** 16<sup>TH</sup> November 2016