



SAFETY DATA SHEET

AUTO DISHWASH DESCALER POWDER

Date of Issue: January 2025

Version # 2.0

Page 1 of Total 6

SECTION 1 – STATEMENT OF CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name:	AUTO DISHWASH DESCALER POWDER		
SUPPLIER:	Custom Chemicals International Pty Ltd		
ADDRESS:	103-107 Potassium Street, Narangba 4504 Queensland Australia		
TELEPHONE:	+617 3204 8300	Website:	www.customchem.com.au
EMERGENCY PHONE:	13 11 26 in Australia	Product code:	0010017
Substance:	Powder	Product Use:	Acidic detergent
Creation Date:	January 2025	Revision Date:	January 2030

SECTION 2 – HAZARDS IDENTIFICATION

Classification of the substance or mixture

Poisons Schedule	S6 (SULFAMIC ACID)
Dangerous Goods	Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. <ul style="list-style-type: none">• CLASS 8 CORROSIVE
GHS Classification	Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia. <ul style="list-style-type: none">• Serious Eye Damage/Irritation Category 1• Skin Corrosion Category 1C• Corrosive to Metals Category 1• Acute Aquatic Toxicity Category 3

Label elements

GHS label pictograms	 GHS05
Signal word	DANGER

Hazard statement(s)

H318	Causes serious eye damage.
H314	Causes severe skin burns and eye damage.
H290	May be corrosive to metals.
H402	Harmful to aquatic life.

Precautionary statement(s): General

P102	Keep out of reach of children.
P103	Read label before use.

Precautionary statement(s): Prevention

P260	Do not breathe dusts or mists.
P264	Wash hands and skin thoroughly after handling
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P273	Avoid release to the environment.
P234	Keep only in original packaging.

Precautionary statement(s): Response

P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
--------------------	--



SAFETY DATA SHEET

AUTO DISHWASH DESCALER POWDER

Date of Issue: January 2025

Version # 2.0

Page 2 of Total 6

P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P363	Wash contaminated clothing before reuse.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P310	Immediately call a POISON CENTER/doctor/...
P321	Specific treatment (see ... on this label)
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor/...
P390	Absorb spillage to prevent material-damage.
Precautionary statement(s): Storage	
P406	Store in corrosion resistant/...container with a resistant inner liner.
Precautionary statement(s): Disposal	
P501	Dispose of contents/ container in accordance with local regulations.
Note	
IMPORTANT	This SDS and the Hazard Classifications contained therein, only apply to the product in its concentrated form, as supplied. When diluted to 1:10 or greater with water, they no longer apply. However, good hygiene and housekeeping practices should be adhered to.

SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Proportion:
Sulfamic acid	5329-14-6	100 % w/w

NOTE: Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from Safe Work Australia: Hazardous Chemical Information System (HCIS), European Chemicals Agency (ECHA), or have been found NOT to meet the criteria of a hazardous substance as defined in the Safe Work Australia publication "Approved Criteria for Classifying Hazardous Substances", or have been found NOT to meet the criteria of a dangerous substance as defined in the GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS7). Listed ingredients may be below the cut-off concentrations for classification as hazardous, but are listed for information purposes and for additive effects.

SECTION 4 – FIRST AID MEASURES

Inhalation	IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing. If respiratory symptoms persist, get medical advice/attention. Give artificial respiration if victim is not breathing. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Administer oxygen if breathing is difficult.
Skin contact	IF ON SKIN (or hair). Remove and isolate contaminated clothing and shoes. Immediately wash skin and hair with plenty of mild soap and water, followed by warm water rinse. If skin irritation occurs, get medical advice/attention. Wash contaminated clothing and shoes before reuse.
Eye contact	IF IN EYES: immediately flush eyes with running water for several minutes, holding eyelids open and occasionally lifting the upper and lower lids. Remove contact lenses if present and easy to do so. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Immediately call a POISON CENTER or doctor/physician.
Ingestion	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. For advice, contact a Poisons Information Centre (e.g., phone Australia 131126 or New Zealand 0800 764 766). Never give anything by mouth to an unconscious person.
Advice to Doctor	Treat symptomatically. Keep victim calm and warm. Effects of exposure to substance may be delayed. Ensure that medical personnel are aware of the materials involved and take precautions to protect themselves.
Scheduled Poisons	Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. (Phone Australia 131126 or New



SAFETY DATA SHEET

AUTO DISHWASH DESCALER POWDER

Date of Issue: January 2025

Version # 2.0

Page 3 of Total 6

	Zealand 0800 764 766).
First Aid Facilities	Eye wash station. Normal washroom facilities.

SECTION 5 – FIRE FIGHTING MEASURES

Fire and Explosion Hazards	Decomposes on heating, emitting toxic fumes.
Extinguishing Media	If material is involved in a fire, use dry chemical, Carbon dioxide (CO ₂), foam, or spray for extinction. Dike fire control water for later disposal.; do not scatter the material.
Fire Fighting	Move containers from fire area if you can do it without risk. Cool containers with water spray until well after fire is out. Do not get water inside containers! Wear positive pressure self-contained breathing apparatus (SCBA). Wear chemical protective clothing.
Flash Point	None

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency Procedures	<p>Hazchem code 2X 2: Denotes fine water spray for extinction. X: No risk of violent explosion. Liquid tight chemical protective clothing and breathing apparatus recommended. Contain spills.</p> <p>Minor spills do not normally need any special clean-up measures – rinse with water. In the event of a major spill, prevent spillage from entering drains or water courses. Wear appropriate personal protective equipment and clothing to prevent exposure. Increase ventilation. As a water based product, if spilt on electrical equipment the product will cause short-circuits. If possible contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.</p>
-----------------------------	---

SECTION 7 – HANDLING AND STORAGE

Handling	Safety showers and eyewash facilities should be provided within the immediate work area for emergency use. Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Minimise dust generation and accumulation. Avoid breathing dust/aerosols and contact with eyes, skin and clothing. Do not ingest. Wear protective gloves/eye protection/face protection. Avoid release to the environment.
Storage	Store in a cool, dry, well-ventilated place, out of direct sunlight. Keep container tightly closed when not in use – check regularly for spills. Avoid exposure to moisture. Keep away from heat and sources of ignition – No smoking. Keep in original container. Store away from incompatible materials. Ensure that storage conditions comply with applicable local and national regulations.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits	National Occupational Exposure Limits, as published by SAFEWORK AUSTRALIA: Time-weighted Average (TWA): None established for product. Short Term Exposure Limit (STEL): None established for product.
Ventilation	Use with adequate ventilation. If the engineering controls are not sufficient to maintain concentrations of vapours/mists below the exposure standards, suitable respiratory protection must be worn.



SAFETY DATA SHEET

AUTO DISHWASH DESCALER POWDER

Date of Issue: January 2025

Version # 2.0

Page 4 of Total 6

Personal Protective Equipment	Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. The following protective equipment should be available;
Eye Protection 	Safety glasses should be used for handling concentrate in quantity, cleaning up spills, decanting, etc. Eye protection devices should conform to relevant regulations. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
Hand Protection 	Wear gloves of impervious material such as butyl rubber, natural latex, neoprene, PVC and nitrile – to handle in quantity, clean up spills, decanting, etc. Final choice of appropriate gloves will vary according to individual circumstances. i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
Body Protection 	Generally not required for typical applications with diluted solutions as per label directions. Suitable protective workwear, e.g. rubber or plastic apron, sleeves, boots and cotton overalls buttoned at neck and wrist are recommended. Chemical resistant apron is recommended where large quantities are handled.
Respirator	Generally not required for typical applications with diluted solutions as per label directions. If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid	Colour	White granules
Odour	Nil	Specific Gravity	2.13 g/cm ³
Boiling Point	Decomposes	Freezing Point	No data available
Vapour Pressure	Not available	Relative Vapour Density	3.35
Flash Point	Not flammable	Flammable Limits	none
Water Solubility	Miscible in all proportions	pH	1.18 (1% solution)
Volatile Organic Compounds (VOC)	0 % v/v	Per Cent Volatile	Ca 2 % v/v
Viscosity	Not available	Odour Threshold	Not available

SECTION 10 – STABILITY AND REACTIVITY

Reactivity	Stable at normal temperatures and pressure.
Conditions to Avoid	Avoid generating dust. Avoid exposure to moisture.
Incompatibilities	Incompatible/reactive with strong oxidizing agents, strong bases.
Hazardous Decomposition	Decomposes on heating, emitting toxic fumes, including Nitrogen oxides (Nox), Sulphur oxides..

SECTION 11 – TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Inhalation	Inhalation of mists or aerosols can produce mucous membrane and respiratory irritation.
Skin contact	Prolonged contact with concentrate may be severely irritating to skin.



SAFETY DATA SHEET

AUTO DISHWASH DESCALER POWDER

Date of Issue: January 2025

Version # 2.0

Page 5 of Total 6

Eye contact	Concentrated product causes eye irritation. Eye contact with concentrate will cause stinging, blurring, tearing. Contact with concentrated product may cause serious eye damage.
Ingestion	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Chronic exposure	No known effects.
Toxicology Information	Not classified as toxic, based on ingredients. SULFAMIC ACID: LD50 (rat): 3160 mg/kg
Carcinogen Status	
SAFEWORK AUSTRALIA	No significant ingredient is classified as carcinogenic by Safework Australia.
NTP	No significant ingredient is classified as carcinogenic by NTP.
IARC	No significant ingredient is classified as carcinogenic by IARC.
Respiratory sensitisation	Not expected to be a respiratory sensitizer.
Skin Sensitisation	Not expected to be a skin sensitizer.
Germ cell mutagenicity	Not considered to be a mutagenic hazard.
Reproductive Toxicity	Not considered to be toxic to reproduction.
STOT-single exposure	Not expected to cause toxicity to a specific target organ.
STOT-repeated exposure	Not expected to cause toxicity to a specific target organ.
Aspiration Hazard	Not expected to be an aspiration hazard.

SECTION 12 – ECOLOGICAL INFORMATION

Acute Aquatic Toxicity Product (as sold)	Harmful to aquatic life. Acute Aquatic Toxicity Category 3 - (LC50 >10 mg/L but < 100mg/L). Acute Aquatic Toxicity (Calculated) LC50: 48 mg/L.
Acute Aquatic Toxicity Product (at use dilution 1:100 rinse)	Not harmful to aquatic life. LC50 > 100mg/L. Acute Aquatic Toxicity (Calculated) LC50: 4,800 mg/L. Acute Aquatic Toxicity NOT HAZARDOUS
Persistence and degradability	No information available.
Bio accumulative potential	No information available.
Mobility in soil	No information available.
Other adverse effects	Not available
Environmental Protection	Harmful to aquatic life – Avoid release to the environment.

SECTION 13 – DISPOSAL CONSIDERATIONS

	Dispose of waste according to applicable local and national regulations. Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations.
--	---

SECTION 14 – TRANSPORT INFORMATION

Labels Required	
ADG	UN 2967 SULPHAMIC ACID 
IMDG Marine Pollutant	No
HAZCHEM	2X
Land Transport (ADG)	



SAFETY DATA SHEET

AUTO DISHWASH DESCALER POWDER

Date of Issue: January 2025

Version # 2.0

Page 6 of Total 6

UN Number	2967
ADG Code	8
HAZCHEM Code	2X
Special Provisions	No data available
Packing Group	III
Packaging Method	None allocated.
Segregation	None allocated.

SECTION 15 – REGULATORY INFORMATION

GHS Classification	Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.
SUSMP	S6
ADG Code	DG
AICIS	All ingredients present on Australian Inventory of Industrial Chemicals.

SECTION 16 – OTHER INFORMATION

Issue Date	15 th January 2025
Version Number	V 2.0 GHS7 classification.
Abbreviations and acronyms	<p>ADG Code: Australian Code for the Transport of Dangerous Goods by Road and Rail.</p> <p>AICIS: Australian Industrial Chemicals Introduction Scheme.</p> <p>CAS Number: Chemical Abstracts Service Registry Number.</p> <p>GHS: Globally Harmonized System of Classification and Labelling of Chemicals</p> <p>HAZCHEM: An emergency action code of numbers and letters which gives information to emergency services.</p> <p>HSIS: Hazardous Substances Information System</p> <p>IARC: International Agency for Research on Cancer.</p> <p>NTP: National Toxicology Program (USA).</p> <p>SDS: Safety Data Sheet</p> <p>STEL: Short Term Exposure Limit.</p> <p>SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons.</p> <p>TWA: Time Weighted Average.</p> <p>UN Number: United Nations Number.</p>
Literature references	<p>Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice (Safe Work Australia)</p> <p>GHS Hazardous Chemical Information List (Safe Work Australia)</p> <p>Guidance on the Classification of Hazardous Chemicals under the WHS Regulations.</p> <p>Global Harmonized System of Classification and Labelling of Chemicals (GHS)</p> <p>“Australian Exposure Standards”. Safework Australia</p> <p>Australian Code For The Transport Of Dangerous Goods By Road And Rail</p> <p>Standard for the Uniform Scheduling of Medicines and Poisons</p> <p>Safety Data Sheets – individual raw materials – Suppliers</p> <p>HSIS – Hazardous Substance Information System – National Safe Work Australia Data Base.</p> <p>HCIS – Hazardous Chemical Information System – National Safe Work Australia Data Base.</p>
Disclaimer	<p>This SDS summarizes at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier.</p>

End of SDS