

SAFETY DATA SHEET

Alfaguard

Preparation Date: 25-Aug-2015

Revision Number: 3.0

Revision Date: 20-Dec-2016

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name	Alfaguard
Item#:	AUS54463
Recommended use	Acid detergent
Uses advised against	Restricted to professional users

Supplier	DeLaval Pty Ltd 1 Global Drive Westmeadows, VIC 3049 Australia Telephone 61-3-8336-7977
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Emergency Telephone Number	131 126 (Poison Control Centre)
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2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Skin corrosion/irritation - Category 2
 Serious eye damage/eye irritation - Category 1
 Chronic aquatic toxicity - Category 3

2.2. Label Elements

Hazard Pictogram(s)



Name of hazard pictogram(s)	Corrosion
Signal word	DANGER
Hazard Statements	H318 - Causes serious eye damage H315 - Causes skin irritation H412 - Harmful to aquatic life with long lasting effects
Precautionary statements	P102 - Keep out of reach of children P264 - Wash hands thoroughly after handling P280 - Wear protective gloves/protective clothing/eye protection/face protection P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P302 + P352 - IF ON SKIN: Wash with plenty of soap and water P332 + P313 - If skin irritation occurs: Get medical advice/attention P310 - Immediately call a POISON CENTER/doctor. P362 - Take off contaminated clothing and wash before reuse

Note

Signal words and pictograms are not required on labels for AgVet chemicals.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Sulfamic acid	5329-14-6	> 60%
Sodium bisulfate	7681-38-1	10 - 30%
Ethanol, 2-butoxy-, phosphate	39454-62-1	1 - 10%
Acid Orange II	633-96-5	0 - 1%

4. FIRST AID MEASURES

General Advice	Show this safety data sheet to the doctor in attendance. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately.
Skin contact	Wash off immediately with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Inhalation	Move to fresh air. Get medical attention if symptoms occur.
Ingestion	Do not induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Centre immediately.
Effects of overexposure	No information available
Indication of any immediate medical attention and special treatment needed	No information available

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media	No information available
Specific hazards arising from the chemical	The product causes burns of eyes, skin and mucous membranes.
Protective Equipment and Precautions for Firefighters	Standard procedure for chemical fires.
Hazchem Code	2T

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Use personal protective equipment. Avoid contact with skin, eyes and clothing.
Environmental Precautions	Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.
Methods for cleaning up	Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Safe Handling Advice	Wear personal protective equipment. Avoid contact with skin, eyes and clothing.
Storage	Keep container tightly closed in a dry and well-ventilated place.
Incompatible products	No information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls

Exposure limits	No exposure standard allocated
Biological standards	No biological limit allocated
Engineering Controls	Ensure adequate ventilation, especially in confined areas

Personal Protective Equipment

Eye/face Protection	Tightly fitting safety goggles
Skin Protection	Long sleeved clothing
Hand Protection	Neoprene gloves
Respiratory Protection	In case of dust formation use a dust mask.
General Hygiene Considerations	When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light orange
Physical state	Powder
Odor	None
Odor Threshold	No information available
pH	No data available
pH (1%)	< 2
Specific Gravity	1.24
Vapor Pressure	No data available
Vapor Density	No data available
Flash Point	No data available
Autoignition Temperature	No data available
Boiling Point/Range	Not applicable
Melting Point/Range	No data available
Freezing Point/Range	Not applicable
Decomposition temperature	No information available
Flammability (solid, gas)	No information available
Explosion Limits	No information available
Evaporation Rate	No data available
Relative Density	No data available
Solubility	No information available
Partition Coefficient (n-octanol/water)	No data available
Viscosity	No information available

10. STABILITY AND REACTIVITY

Reactivity	No information available
Chemical Stability	Stable under recommended storage conditions.

Possibility of hazardous reactions	None under normal use
Conditions to Avoid	Exposure to air or moisture over prolonged periods. Extremes of temperature and direct sunlight.
Incompatible Materials	bases, strong oxidizing agents, bleach, organic materials
Hazardous decomposition products	Ammonia, Sulphur oxides, nitrogen oxides (NOx), Carbon oxides

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Inhalation	No information available.
Skin contact	No information available.
Ingestion	No information available.

Component Analysis - LD50/LC50

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sulfamic acid 5329-14-6	316 mg/kg (Rat)		
Sodium bisulfate 7681-38-1	= 2490 mg/kg (Rat)		

Potential Health Effects

Skin Corrosion/Irritation	Irritating to skin. (. Category 2.).
Serious eye damage/eye irritation	Causes serious eye damage.
Respiratory or skin sensitization	No information available.
Mutagenic effects	No information available.
Carcinogenicity	Contains no ingredient listed as a carcinogen.
Reproductive Effects	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	Not hazardous.
Aspiration Hazard	No information available.
Information on likely routes of exposure	No known significant effects or critical hazards
Early onset symptoms related to exposure (Immediate effects)	None known
Delayed health effects from exposure	none known

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity effects Harmful to aquatic life with long lasting effects.

Chemical Name	Algae/aquatic plants	Fish	Microtox	Waterflea
Sulfamic acid		LC50= 70.3 mg/l (96 Hrs)		
Sodium bisulfate				190: 48 h Daphnia magna mg/L EC50

Persistence and degradability No information available

Bioaccumulation/Accumulation No information available.

Mobility Will likely be mobile in the environment due to its water solubility.

Other adverse effects No information available

Biodegradation No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Should not be released into the environment. It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.

Contaminated Packaging Clean container with water. Empty containers should be taken for local recycling, recovery or waste disposal.

Personal precautions Use personal protective equipment. Avoid contact with skin, eyes and clothing.

14. TRANSPORT INFORMATION

Road and Rail transport

UN-No	2967
Proper Shipping Name	Sulfamic acid
Hazard Class	8
Packing Group	III
Environmental hazard	Not regulated
Special Precautions	Not regulated
Hazchem Code	2T

IMDG/IMO

UN-No	No information available
Proper shipping name	No information available
Hazard Class	No information available
Packing Group	No information available
IMDG Marine Pollutant	No information available

IATA/ICAO

UN-No	No information available
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Proper Shipping Name	No information available
Hazard Class	No information available
Packing Group	No information available

EPG Code	8A1
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15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture	No information available
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Poison Schedule Number	Schedule 6
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APVMA Approval Number	54463
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16. OTHER INFORMATION

Prepared By	DeLaval NV Industriepark-Drongen 10 9031 Gent Belgium
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Preparation Date:	25-Aug-2015
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Reason for revision	Update sections 2 and 3 (classification according to GHS).
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Disclaimer

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End of SDS