



# SAFETY DATA SHEET

**SAFEGUARD**

Infosafe No.: LQ66K  
RE-ISSUED Date : 17/03/2023  
Re-issued: JASOL AUSTRALIA

**CLASSIFIED AS HAZARDOUS**

## Section 1 - Identification

**Product Identifier**

SAFEGUARD

**Product Code**

2020670

**Company Name**

JASOL AUSTRALIA

**Address**

41-45 Tarnard Drive Braeside  
VIC 3195 AUSTRALIA

**Telephone/Fax Number**

Tel: 03 95805722  
Fax: 03 95809902

**Emergency Phone Number**

1800 629953

**Recommended use of the chemical and restrictions on use**

Toilet bowl cleaner

## Section 2 - Hazard(s) Identification

**GHS classification of the substance/mixture**

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Eye damage/irritation: Category 2A

Skin corrosion/irritation: Category 1

**Signal Word (s)**

DANGER

**Hazard Statement (s)**

H314 Causes severe skin burns and eye damage.

H319 Causes serious eye irritation.

**Pictogram (s)**

Corrosion



**Precautionary Statement – Prevention**

P260 Do not breathe dusts or mists.

P264 Wash contaminated skin thoroughly after handling.

P280 Wear eye protection/face protection.

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): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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.

P321 Specific treatment (see First Aid measures on this label).

P337+P313 If eye irritation persists: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

**Precautionary Statement – Storage**

P405 Store locked up.

**Precautionary Statement – Disposal**

P501 Dispose of contents/container to an approved waste disposal plant.

**Section 3 - Composition and Information on Ingredients****Ingredients**

Name	CAS	Proportion
Sulphamic acid	5329-14-6	5-10 %
Methanesulphonic acid	75-75-2	5-10 %
Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether	166736-08-9	1-3 %
Benzyl-C12-16-Alkyldimethylammonium Chloride	68424-85-1	<1 %
Other ingredients determined not to be hazardous	Not Required	Balance

**Section 4 - First Aid Measures****Inhalation**

If inhaled, remove affected person from contaminated area and keep at rest in a position comfortable for breathing. Seek medical attention. Apply artificial respiration if NOT breathing and immediately seek medical attention.

**Ingestion**

Do NOT induce vomiting. Wash/rinse out mouth thoroughly with water. Seek immediate medical attention.

**Skin**

If on skin (or hair) remove/take off all contaminated clothing immediately. Wash/rinse skin gently and thoroughly with water/shower and non-abrasive soap for 15 minutes after handling. Ensure contaminated clothing is washed before re-use or discard. Seek immediate medical attention.

**Eye**

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses, if present and easy to do. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.

**First Aid Facilities**

Eyewash, safety shower and normal washroom facilities.

**Advice to Doctor**

Treat symptomatically for acids.

### Other Information

For advice in an emergency, contact a Poisons Information Centre (Phone Australia 131 126) or a doctor at once.

## Section 5 - Firefighting Measures

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### Suitable Extinguishing Media

Carbon dioxide, dry chemical, foam, water fog or water mist.

### Unsuitable Extinguishing Media

Do not use water jet.

### Hazards from Combustion Products

Non combustible material.

### Specific hazards arising from the chemical

This product is non combustible. However, following evaporation of aqueous component under fire conditions, the non-aqueous component may decompose and/or burn.

### Hazchem Code

2X

### Decomposition Temperature

Not available

### Precautions in connection with Fire

Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. Fight fire from safe location.

## Section 6 - Accidental Release Measures

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### Emergency Procedures

Evacuate all unprotected personnel. Do not allow contact with skin and eyes. Do not breathe mist/vapour. As a water based product, if spilt on electrical equipment the product will cause short-circuits. It is essential to wear self-contained breathing apparatus (S.C.B.A) and full personal protective equipment and clothing to prevent exposure. Avoid exposure to spillage by collecting the material using vacuum and transfer into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to 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. Contain large spills with an inert material such as sand, soil or vermiculite.

## Section 7 - Handling and Storage

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### Precautions for Safe Handling

Corrosive liquid. Attacks skin and eyes. Causes burns. Avoid breathing in vapours, mist or fumes. Wear suitable protective clothing, gloves and eye/face protection when mixing and using. Use in designated areas with adequate ventilation. Keep containers tightly closed. Ensure a high level of personal hygiene is maintained when using this product, that is, always wash hands after handling, and before eating, drinking, smoking or using the toilet facilities.

### Conditions for safe storage, including any incompatibilities

Corrosive liquid. Store in a cool dry well-ventilated area. Store away from incompatible materials. Protect from freezing. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Provide a catch-tank in a bunded area. Store in original packages as approved by manufacturer. Ensure that storage conditions comply with applicable local and national regulations.

For information on the design of the storeroom, reference should be made to Australian Standard AS 3780 The storage and handling of corrosive substances.

## Section 8 - Exposure Controls and Personal Protection

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### Occupational exposure limit values

No Exposure Limit Established

### Biological Monitoring

No biological limits allocated.

### Engineering Controls

This substance is hazardous and should be used with a local exhaust ventilation system, drawing vapours away from workers' breathing zone. If the engineering controls are not sufficient to maintain concentrations of vapours/mists below the exposure standards, suitable respiratory protection must be worn.

### Respiratory Protection

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.

### Eye and Face Protection

Safety glasses with full face shield should be used. 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 or nitrile rubber. 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

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

## Section 9 - Physical and Chemical Properties

Properties	Description	Properties	Description
Form	Liquid	Appearance	Pink, slightly viscous liquid with a floral odour
Colour	Pink	Odour	Floral perfume
Melting Point	Not available	Boiling Point	Not available
Decomposition Temperature	Not available	Solubility in Water	Miscible at all concentrations.
Specific Gravity	1.05-1.10	pH	0.5 - 2.0
Vapour Pressure	Not available	Relative Vapour Density (Air=1)	Not available
Evaporation Rate	Not available	Flash Point	None
Flammability	Non combustible	Auto-Ignition Temperature	Not available

## Section 10 - Stability and Reactivity

### Reactivity

Refer to Section 10: Possibility of hazardous reactions.

### Chemical Stability

Stable under normal conditions of storage and handling.

### Possibility of hazardous reactions

Contact with metals may produce hydrogen gas which is flammable. If splashing occurs rinse with water and wipe clean. Do not mix with bleaches, acids, or other cleaning solutions.

### Conditions to Avoid

Extremes of temperature and direct sunlight

### Incompatible Materials

Oxidising agents, alkalis and organic acids

### Hazardous Decomposition Products

Thermal decomposition may result in the release of toxic and/or irritating fumes

## **Hazardous Polymerization**

Not available.

## **Section 11 - Toxicological Information**

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### **Toxicology Information**

Toxicity data for material given below.

#### **Acute Toxicity - Oral**

Sulphamic acid: LD50 rat (oral): 3160 mg/kg

Methane sulphononic acid: LD50 rat (oral): 1000 mg/kg

Benzalkonium chloride: LD50 rat (oral): 240 mg/kg

#### **Ingestion**

Ingestion of this product will cause nausea, vomiting, abdominal pain and chemical burns to the mouth, throat and stomach.

#### **Inhalation**

Inhalation of mist or vapour will result in respiratory irritation and possible harmful corrosive effects including burns, lesions of the nasal septum, pulmonary edema, and scarring of tissue.

#### **Skin**

Causes burns. Corrosive to the skin. Skin contact can cause redness, itching, irritation, severe pain and chemical burns with resultant tissue destruction.

#### **Eye**

Causes eye damage. Eye contact will cause stinging, blurring, tearing, severe pain and possible burns, necrosis, permanent damage and blindness.

#### **Respiratory Sensitisation**

Not expected to be a respiratory sensitiser.

#### **Skin Sensitisation**

Not expected to be a skin sensitiser.

#### **Germ Cell Mutagenicity**

Not considered to be a mutagenic hazard.

#### **Carcinogenicity**

Not considered to be a carcinogenic 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**

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### **Ecotoxicity**

Harmful to aquatic life.

### **Persistence and degradability**

Sulphamic acid degrades by natural hydrolysis to ammonium hydrogen sulphate. It is an inorganic and hence exerts no Biochemical Oxygen Demand (B.O.D.) B.O.D.

Methane sulphononic acid: >70% DOC reduction (OECD 301A (new version)) Based on OECD criteria this ingredient is readily biodegradable.

Surfactants: Readily biodegradable.

Contains no phosphates or phosphoric acid.

### **Mobility**

Not available

**Bioaccumulative Potential**

Not available

**Other Adverse Effects**

Not available

**Environmental Protection**

Prevent large amounts from entering waterways, drains and sewers.

## Section 13 - Disposal Considerations

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**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

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**Transport Information**

This material is classified as a Class 8 Corrosive Substances Dangerous Goods

Class 8 Dangerous Goods are incompatible in a placard load with any of the following:

- Class 1: Explosives
- Division 4.3: Dangerous when wet Substances
- Division 5.1: Oxidising substances
- Division 5.2: Organic peroxides
- Class 6, Toxic or Infectious Substances, if the Class 6 dangerous goods are cyanides and the Class 8 dangerous goods are acids

Class 7: Radioactive materials unless specifically exempted

and are incompatible with food and food packaging in any quantity.

Strong acids must not be loaded in the same freight container or on the same vehicle with strong alkalis. Packing Group I and II acids and alkalis should be considered as strong

Marine Transport (IMO/IMDG):

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Class/Division: 8

UN No: 1760

Proper Shipping Name: CORROSIVE LIQUID, N.O.S. (CONTAINS: METHANESULPHONIC ACID)

Packing Group: III

EMS : F-A, S-B

Special Provisions: 223, 274

Air Transport (ICAO/IATA):

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Class/Division: 8

UN No: 1760

Proper Shipping Name: corrosive liquid, n.o.s. (Contains: Methanesulphonic acid)

Packing Group: III

Packaging Instructions (passenger & cargo): 852

Packaging Instructions (cargo only): 856

Hazard Label: Corrosive

Special Provisions: A3, A803

**U.N. Number**

1760

**Proper Shipping Name**

CORROSIVE LIQUID, N.O.S.(Contains: Methanesulphonic acid)

**Transport Hazard Class**

8

**Packing Group**

III

**Hazchem Code**

2X

**IERG Number**

37

**Special Precautions for User**

Not available

**IMDG Marine pollutant**

No

**Transport in Bulk**

Not available

## Section 15 - Regulatory Information

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**Regulatory Information**

Classified as Hazardous according to the Globally Harmonised System of classification and labelling of chemicals (GHS) including Work, Health and Safety regulations, Australia

Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

**Poisons Schedule**

S5

## Section 16 - Any Other Relevant Information

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**Date of Preparation**

SDS reviewed: May 2018

SDS created: May 2016

**Literature References**

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of classification and labelling of chemicals.

**Contact Person/Point**

The company has taken care in compiling this information. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside the Company's control. The end user is obliged to conform to relevant government regulations and/or patent laws applicable in their respective States of Countries.

24-Hour Emergency Telephone: AUS: 1800 629 953 NZ: Poisons 0800 764 766, Spills 111 FIRE.

## END OF SDS

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