

SAFETY DATA SHEET

TOILET BOWL CLEANER

Infosafe No.: 7EFED
ISSUED Date : 02/06/2020
ISSUED by: JASOL AUSTRALIA

CLASSIFIED AS HAZARDOUS

Section 1 - Identification

Product Identifier

TOILET BOWL CLEANER

Product Code

2021131

Company Name

HARVEY

Address

18 Winnellie Road Winnellie
NT 0821 AUSTRALIA

Telephone/Fax Number

Tel: 08 8935 2900
Fax: 08 8947 2801

Emergency Phone Number

1800 629 953

Recommended use of the chemical and restrictions on use

Toilet bowl cleaner

Other Names

Name	Product Code
TOILET BOWL CLEANER	2021132

Additional Information

Manufactured by: Jasol Australia
Address: Level 3, 187 Todd Road PORT MELBOURNE
VIC AUSTRALIA
Tel: 1800 334 679
Fax: 03 9580 9902

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 1

Skin corrosion/irritation: Category 1

Signal Word (s)

DANGER

Hazard Statement (s)

H314 Causes severe skin burns and eye damage.

Pictogram (s)

Corrosion

**Precautionary Statement – Prevention**

P260 Do not breathe dusts or mists.

P264 Wash contaminated skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing 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).

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	0-10 %
Quaternary Ammonium Compound	63449-41-2	0-5 %
Non hazardous component (s)	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 (sulphamic acid).

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**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

Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.

Specific hazards arising from the chemical

Combustible. This product will burn if exposed to fire.

Hazchem Code

2X

Decomposition Temperature

Not available

Precautions in connection with Fire

Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses.

Section 6 - Accidental Release Measures**Emergency Procedures**

Remove all sources of ignition. 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 explosion proof 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.

Section 7 - Handling and Storage**Precautions for Safe Handling**

Corrosive and combustible 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. Do not use near ignition sources. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues. Prevent the build up of mists or vapours in the work atmosphere. Keep containers sealed when not in use. 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 and combustible liquid for storage and handling purposes. Keep tightly closed in a dry, cool, well-ventilated area, out of direct sunlight. Protect from freezing. Provide a catch-tank in a bunded area. Avoid sparks, flames and other ignition sources. Store away from incompatible materials. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. 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 and Australian Standard AS1940 - The storage and handling of flammable and combustible liquids.

Section 8 - Exposure Controls and Personal Protection

Occupational exposure limit values

No exposure standards have been established for the mixture. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.

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. A flame-proof exhaust ventilation system is required. If the engineering controls are not sufficient to maintain concentrations of vapours/mists below the exposure standards, suitable respiratory protection must be worn. Refer to relevant regulations for further information concerning ventilation requirements.

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 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	Clear blue liquid with pleasant fragrance. Water based. Acidic.
Colour	Blue	Odour	Pleasant fragrance
Melting Point	Not available	Boiling Point	Not available
Decomposition Temperature	Not available	Solubility in Water	Miscible at all concentrations.
Specific Gravity	1.0	pH	0.5 - 2.0
Vapour Pressure	Not available	Relative Vapour Density (Air=1)	Not available
Evaporation Rate	Not available	Odour Threshold	Not available
Viscosity	Refer to Section 9: Kinematic Viscosity and Dynamic Viscosity	Partition Coefficient: n-octanol/water (log value)	Not available
Flash Point	None	Flammability	Non flammable.
Auto-Ignition Temperature	Not available	Flammable Limits - Lower	Not available
Flammable Limits - Upper	Not available	Explosion Properties	Not available
Oxidising Properties	Not available	Kinematic Viscosity	Not available
Dynamic Viscosity	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

Heat, open flames and other sources of ignition

Incompatible Materials

Strong oxidising agents.

Hazardous Decomposition Products

Thermal decomposition may result in the release of toxic and/or irritating fumes, smoke and gases including: carbon dioxide and carbon monoxide.

Section 11 - Toxicological Information

Toxicology Information

Toxicity data for material given below.

Acute Toxicity - Oral

LD50: Sulphamic acid: 3160 mg/kg oral, rat
Benzalkonium chloride 360 mg/kg oral, rat
Surfactants 3,000 mg/kg oral, mouse

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.

Other Information

No prolonged or repeated exposure information is available for this product.

Section 12 - Ecological Information

Ecotoxicity

No ecological data available for this material. This product does not contain phosphates.

Persistence and degradability

Not available

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

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

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: SULPHAMIC ACID AND QUATERNARY AMMONIUM COMPOUND)

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: SULPHAMIC ACID AND QUATERNARY AMMONIUM COMPOUND)

Packaging Instructions (passenger & cargo): 852

Packaging Instructions (cargo only): 856

Hazard Label: Corrosive

Special Provisions: A3, A803

ADG U.N. Number

1760

ADG Proper Shipping Name

CORROSIVE LIQUID, N.O.S.(Contains: Sulphamic Acid, Quaternary ammonium compound)

ADG Transport Hazard Class

8

ADG 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

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

Date of Preparation

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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