



SAFETY DATA SHEET

TITAN TOILET CLEANER

Infosafe No.: 7EFHG
ISSUED Date : 13/07/2017
ISSUED by: JASOL AUSTRALIA

1. IDENTIFICATION

GHS Product Identifier

TITAN TOILET CLEANER

Product Code

3000170

Company Name

JASOL AUSTRALIA

Address

Level 3, 187 Todd Road PORT MELBOURNE
VIC 3207

Telephone/Fax Number

Tel: 1800 334 679

Fax: 03 9580 9902

Emergency phone number

1800 629 953

Recommended use of the chemical and restrictions on use

Bathroom and toilet cleaner

Disclaimer

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

2. HAZARD 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.

Not 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 3

Signal Word (s)

DANGER

Hazard Statement (s)

H316 Causes mild skin irritation.

H318 Causes serious eye damage.

Pictogram (s)

Corrosion

**Precautionary statement – Prevention**

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

Precautionary statement – Response

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 or doctor/physician.

P332+P313 If skin irritation occurs: Get medical advice/attention.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Surfactants	N/A	<5 %
Benzalkonium Chloride (Quaternary ammonium compounds)	8001-54-5	<1 %
Ingredients determined not to be hazardous		Balance

4. FIRST-AID MEASURES

Inhalation

If inhaled, remove affected person from contaminated area and keep at rest in a position comfortable for breathing. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.

Ingestion

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

Skin

If there is a skin reaction, remove all affected clothing and wash affected area thoroughly with soap and water. Wash contaminated clothing before re-use or discard. Seek medical attention.

Eye contact

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 for several minutes until all contaminants are washed out completely. Immediately seek medical attention.

First Aid Facilities

Eyewash and normal washroom facilities.

Advice to Doctor

Treat symptomatically.

Other Information

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

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use appropriate fire extinguisher for surrounding environment.

Hazards from Combustion Products

Non combustible material.

Specific Hazards Arising From The Chemical

This product is not flammable. However, may evolve carbon oxides and hydrocarbons when heated to decomposition.

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. Use water fog to cool intact containers and nearby storage areas.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

If spilt (bulk), mop up area. CAUTION: Spill site may be slippery. Wear Personal Protective Equipment (PPE) as detailed in Section 8 of this SDS.

Environmental Precautions

Prevent from spreading or entering into drains, ditches or rivers by using sand, earth, or other appropriate barriers.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Carefully read the product label before use. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area, away from incompatible substances and foodstuffs. Store in suitable, adequately labelled containers. Keep containers tightly closed. Ensure that storage conditions comply with applicable local and national regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

No exposure standards allocated for this product.

Biological Limit Values

No biological limits allocated.

Appropriate Engineering Controls

Use with good general ventilation. If mists or vapours are produced, local exhaust ventilation should be used. Avoid inhalation.

Personal Protective Equipment

Eye/Face: Wear splash-proof goggles

Hands: Wear PVC or rubber gloves

Body: When using large quantities or where heavy contamination is likely, wear overalls

Respiratory: If spraying, wear Type A-Class P1 (Organic gases/vapours and Particulate) respirator

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Liquid

Appearance

Clear green liquid

Colour

Green

Odour

Fresh pine odour

Boiling Point

100C

Solubility in Water

Soluble

Specific Gravity

1.01

pH

9.3-10.5

Vapour Pressure

18 mm Hg @ 20C

Volatile Component

>60% (water)

Flash Point

Not available

Flammability

Not flammable

10. STABILITY AND REACTIVITY

Reactivity

Reacts with incompatible materials

Chemical Stability

Stable under normal conditions of storage and handling.

Conditions to Avoid

Heat, sparks, open flames and other ignition sources

Incompatible materials

Oxidising agents and anionic detergents (eg soaps).

Hazardous Decomposition Products

May evolve toxic gases (carbon/nitrogen oxides, ammonia, chlorides, hydrocarbons) when heated to decomposition.

Hazardous Polymerization

Product will not undergo polymerisation.

11. TOXICOLOGICAL INFORMATION

Toxicology Information

This product has the potential to cause adverse health effects with over-exposure. Use safe work practices to avoid eye or skin contact and inhalation. Upon dilution, the potential for adverse health effects may be reduced. Individuals with pre-existing respiratory impairment (eg asthmatics) or skin sensitivities may be more susceptible to adverse health effects.

Ingestion

Ingestion of large quantities may result in nausea, vomiting and gastrointestinal tract irritation.

Inhalation

Over exposure to vapours may result in irritation of the nose and throat, coughing, nausea and headache. Occupational exposure to quaternary ammonium compounds has been reported to cause asthma, although rare. Due to the low vapour pressure, an inhalation hazard is not anticipated with normal use.

Skin

Contact with skin may result in irritation, redness, rash and dermatitis.

Eye

Contact may result in irritation, lacrimation, pain and redness.

Other Information

Benzalkonium chloride (8001-54-5)

LD50 (ingestion) 240 mg/kg (rat)

LD50 (intraperitoneal) 14.5 mg/kg (rat)

LD50 (intravenous) 13.9 mg/kg (rat)

LD50 (subcutaneous) 64 mg/kg (rat)

TDLo (ingestion) 266 mg/kg (woman; oesophogas changes, diarrhoea)

12. ECOLOGICAL INFORMATION

Environmental Protection

Do not allow product to enter drains, waterways or sewers.

Benzalkonium chloride derivatives/quaternary ammonium compounds are commonly used as disinfectants, inducing toxicity to microorganisms. Benzalkonium chloride is toxic to trout above 2 ppm.

13. DISPOSAL CONSIDERATIONS

Disposal considerations

For small quantities, absorb with sand, vermiculite or similar and dispose of to an approved landfill site. For larger amounts, contact the manufacturer for additional information. Prevent contamination of drains or waterways as aquatic life may be threatened and environmental damage may result.

Waste Disposal

Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

Transport Information

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea

U.N. Number

None Allocated

UN proper shipping name

None Allocated

Transport hazard class(es)

None Allocated

IMDG Marine pollutant

No

Transport in Bulk

Not available

Special Precautions for User

Not available

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.

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Poisons Schedule

Not Scheduled

16. OTHER INFORMATION

Date of preparation or last revision of SDS

SDS reviewed: July 2017

SDS created: May 2017

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

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