

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product Name: CHEMICAL TOILET SOLUTION
 Product Code: CTS
 Product Use: For use in chemical toilet systems. Contains powerful biocides and acids to provide odour free and bacteria free facilities. Formaldehyde free. Suitable for aircraft, camper vans, camping toilets etc

New Zealand Supplier: Car Clean Products NZ Limited
 Address: 33 Ha Crescent
 Wiri
 Auckland
 Telephone: 09 250 0091
 Fax Number: 09 250 0092

Emergency Telephone: 0800 POISON (0800 764 766)

Date of MSDS Preparation: January 2019

Section 2. Hazards Identification



WARNING

H302 Harmful if swallowed
H315 Causes skin irritation
H319 Causes serious eye irritation

A hazardous substance as determined by the HSNO (Classification Regulations) 2001
 Class 6.1E Harmful if swallowed,
 Class 6.3B a skin irritant
 Class 6.4A an eye irritant
 Class 9.1D harmful to aquatic organisms
 May cause burns to skin and eyes.
KEEP OUT OF REACH OF CHILDREN.

Section 3. Composition / Information on Ingredients

Ingredients	Proportion (% mass)	CAS Number
Water	>80	7732-18-5
N,N-bis – 3-(aminopropyl) dodecylamine	< 10	2372-82-9
Benzoic acid	< 5	65-85-0
Lactic acid	< 2	598-82-3

Section 4. First Aid Measures

Routes of Exposure:

Eye	Likely to cause moderate irritation. Flush eye with water for at least 15 minutes. Seek medical attention if problems persist
Skin	A moderate to strong skin irritant. Wash thoroughly with soap and water. Seek advice from pharmacist if irritation persists.
Ingestion	Likely to cause gastrointestinal tract irritation. If adverse effects are observed or patient is distressed seek medical advice
Inhalation	No known adverse effects. Remove patient to fresh air if distressed.

Section 5. Fire Fighting Measures

Suitable Extinguishing media	Water spray or fog
Fire and Explosion hazards	Not combustible. Not likely to cause a dust explosion
Fire Fighting Instructions	Hazchem code 2T

Section 6. Accidental Release Measures

Land Spill or Leaks	Absorb small quantities with dry sand or soil. Sweep up for domestic rubbish disposal. Large spills or leaks must be contained from sewers and waterways by dyking or bunding. Pump or shovel into containers for re-use. If not practical label container as "Ecotoxic Hazardous Material" and dispose in approved contained landfill.
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Section 7. Handling and Storage

Handling Advice:	Read the label and use as directed.
Storing Procedures:	No special procedures. Keep containers closed when not in use. Do not store alongside food or feedstuffs.

Section 8 Exposure Controls / Personal Protection

Engineering Controls:	Not applicable for small quantities
Personal Protective Equipment:	PVC gloves and safety goggles recommended for bulk handling and transfer or if splashing likely.

Section 9 Physical and Chemical Properties

Appearance	Blue liquid
Odour	Ammoniacal
Odour threshold	
Ph	11.2
Melting/Freezing point	9
Initial boiling point	100
Flash point	N/A
Flammability	N/A
Upper/Lower flammability limits	N/A
Vapour pressure	Data not available
Vapour density	Data not available
Relative density	Data not available
Solubility:	Insoluble in petroleum solvents. Fully soluble in water
Partition coefficient	Data not available
Auto-ignition temperature	Data not available
Decomposition temperature	Data not available
Kinematic viscosity	Data not available
Particle characteristics	Data not available

Section 10. Stability and Reactivity

Chemical Stability	Stable. Does not react or polymerise
Conditions to Avoid	None
Incompatibility	Strong acids or alkalis.
Hazardous Decomposition Products	May form acrid fumes and carbon monoxide in a fire.

Section 11 Toxicological Information

Acute Oral Toxicity	LD ₅₀ Rat (oral) > 3000 mg / kg body weight
Acute Dermal Toxicity	Low dermal toxicity

Ingestion	Gastrointestinal irritant
Skin Irritation	Moderate skin irritant properties
Eye Irritant	Can cause moderate irritation and discomfort
Inhalation	Not hazardous
Long term Effects	Not likely to produce harmful effects

Section 12. Ecotoxicological Information

Environmental Precautions

Ecological Toxicity *Harmful to aquatic environment. Acts as a biocide.*

Environmental Fate ;

Soil *Likely to rapidly degrade in soil. Not bio-accumulative*
Water *Likely to rapidly dilute and biodegrade.*

Environmental Exposure Limits EEL_{water} Not set

Section 13. Disposal Considerations

Must NOT be disposed of down sewers or stormwater drains unless with overwhelming amounts of diluting water.

If undiluted product cannot be reused it must be transferred to drums, labeled as "Ecotoxic waste" and disposed of in a sealed landfill.

Section 14 Transport Information

Road, Rail, Marine and Air Transport

Not classified as a Dangerous Good according to Land Transport Rule: Dangerous Goods 2005; NZS 5433: 2007, UN, IMDG or IATA.

Section 15 Regulatory Information

HSNO Group Standard: Water Treatment Chemicals (Subsidiary Hazard)
 HSNO Approval Code: HSR002684

Section 16 Other Information

Date of SDS Preparation: January 2019

The information herein is given in good faith, but no warranty, express or implied is made.

Please contact the New Zealand proprietor, Car Clean Products NZ Limited
 Phone: 09 250 0091, if further information is required.



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CHEMICAL TOILET SOLUTION

PURPOSE:

Chemical Toilet Solution for chemical toilet systems uses powerful biocides and acids to provide odour free and bacteria free facilities. Formaldehyde free. Suitable for aircraft, camper vans, camping toilets etc.

DIRECTIONS:

Dilution: 100mls per 20lt holding tank

WARNING:

Harmful if swallowed, inhaled or absorbed through skin.
May cause burn to skin and eyes.

KEEP OUT OF REACH OF CHILDREN.