

### SECTION 1: Identification : Product identifier and chemical identity

#### 1.1. Product identifier

Product form : Mixture  
Trade name : TOILET BOWL CLEANER  
Product code : 30335-TBV

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : For plastic and ceramic safe thorough cleaning of the toilet bowl of mobile toilets.

#### 1.4. Supplier's details

##### Manufacturer

Thetford BV  
Nijverheidsweg 29  
P.O. Box 169  
4879 AP Etten-Leur - The Netherlands  
T +31(0)765042200 - F +31(0)765042300  
[sds@thetford.eu](mailto:sds@thetford.eu) - [www.thetford-europe.com](http://www.thetford-europe.com)

##### Importer

Thetford Australia Pty. Ltd.  
130-132 Freight Drive  
VIC 3062 SOMERTON - Australia  
T +61 3 9358 0700 - F +61 9357 7060  
[sds@thetford.eu](mailto:sds@thetford.eu) - <http://www.thetford.com.au>

##### Distributor

Lewis Gray Limited  
40G William Pickering Drive  
P.O. Box 302060  
North Harbour Auckland 0751 - New Zealand  
T +64 9 415 3348  
[sales@lewisgray.com](mailto:sales@lewisgray.com)

##### Distributor

Trailcom Limited  
15 Oak Road  
P.O. Box 98-861  
Manukau City, Manukau 2241 - New Zealand  
T +64 9 261 0295  
[trojan@trailcom.co.nz](mailto:trojan@trailcom.co.nz)

##### Distributor

Coast RV Pty Ltd  
74 Greenmount Drive  
East Tamaki, Auckland 2013 - New Zealand  
T +64 9 274 8700  
[enquiry@coastrv.co.nz](mailto:enquiry@coastrv.co.nz)

#### 1.5. Emergency phone number

Emergency number : Thetford B.V. : +31 (0)76 5042200 (Reachable during office hours)

Country	Organisation/Company	Address	Emergency number	Comment
Australia	NSW Poisons Information Centre The Children's Hospital at Westmead	Locked Bag 4001 NSW 2145 Westmead	13 11 26	

### SECTION 2: Hazards identification

#### 2.1. Classification of the hazardous chemical

##### Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Serious eye damage/eye irritation, Category 2A H319

#### 2.2. Label elements

Hazard pictograms (GHS AU) :



Signal word (GHS AU) :

Warning

Hazard statements (GHS AU) :

H319 - Causes serious eye irritation.

Precautionary statements (GHS AU) :

P102 - Keep out of reach of children.  
P264 - Wash hands thoroughly after handling.  
P280 - Wear eye 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.  
P337+P313 - If eye irritation persists: Get medical advice/attention.

#### 2.3. Other hazards

Other hazards not contributing to the classification : None under normal conditions.

### SECTION 3: Composition/information on ingredients

# TOILET BOWL CLEANER

## Safety Data Sheet

according to the Model Work Health and Safety Regulations

Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
CITRIC ACID ( )	77-92-9	5 - 10	Acute Tox. 5 (Dermal), H313 Eye Irrit. 2A, H319
bronopol (INN); 2-bromo-2-nitropropane-1,3-diol ( )	52-51-7	< 0,1	Acute Tox. 4 (Oral), H302 Acute Tox. 5 (Dermal), H313 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

#### 4.2. Symptoms caused by exposure

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
------------------	--

#### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

General measures	: Can be slippery on hard, smooth walking area. Clean spills promptly.
------------------	--

#### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Can be slippery on hard, smooth walking area. Clean spills promptly.
------------------	--

##### 6.1.1. For non-emergency personnel

Emergency procedures	: Evacuate unnecessary personnel.
----------------------	-----------------------------------

##### 6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
-------------------------	--

### SECTION 7: Handling and storage, including how the chemical may be safely used

#### 7.1. Precautions for safe handling

Precautions for safe handling	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.
-------------------------------	--

# TOILET BOWL CLEANER

## Safety Data Sheet

according to the Model Work Health and Safety Regulations

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use.
Incompatible products	: Strong bases. Strong acids.
Incompatible materials	: Sources of ignition. Direct sunlight.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters - exposure standards

#### Exposure limit values for the other components

### 8.2. Monitoring

No additional information available

### 8.3. Appropriate engineering controls

No additional information available

### 8.4. Personal protective equipment

Personal protective equipment	: Avoid all unnecessary exposure.
Hand protection	: Wear protective gloves.
Eye protection	: Chemical goggles or safety glasses
Respiratory protection	: Wear appropriate mask
Other information	: Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

Physical state	: Liquid
Appearance	:
Colour	: No data available
Odour	: No data available
Odour threshold	: No data available
pH	: 3,6
Relative evaporation rate (butylacetate=1)	: No data available
Melting point / Freezing point	: No data available
Boiling point	: > 100 °C
Flash point	: > 100 °C
Auto-ignition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative density	: No data available
Density	: Relative density : 1,082 - 1,088
Solubility	: Water: 100 %
Log Pow	: No data available
Viscosity, dynamic	: > 150 mPa·s
Explosive properties	: No data available
Explosive limits	: No data available
Minimum ignition energy	: No data available
VOC content	: < 0,1 %
Fat solubility	: No data available

## SECTION 10: Stability and reactivity

Reactivity	: Stable up to 50°C.Stable up to 50°C.
Possibility of hazardous reactions	: Not established.
Conditions to avoid	: Direct sunlight. Extremely high or low temperatures.
Incompatible materials	: Strong acids. Strong bases.
Hazardous decomposition products	: fume. Carbon monoxide. Carbon dioxide.

# TOILET BOWL CLEANER

## Safety Data Sheet

according to the Model Work Health and Safety Regulations

### SECTION 11: Toxicological information

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

bronopol (INN); 2-bromo-2-nitropropane-1,3-diol (52-51-7)	
LD50 oral rat	305 mg/kg
LD50 dermal rat	> 2000 mg/kg

Skin corrosion/irritation	: Not classified pH: 3,6
Serious eye damage/irritation	: Causes serious eye irritation. pH: 3,6
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

bronopol (INN); 2-bromo-2-nitropropane-1,3-diol (52-51-7)	
NOAEL (chronic, oral, animal/male, 2 years)	7 mg/kg bodyweight

Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met

### SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

#### 12.1. Ecotoxicity

Ecology - general	: See Heading 3: Information on ingredients.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified
Other information	: Avoid release to the environment.

CITRIC ACID (77-92-9)	
LC50 fish 1	> 100 mg/l
EC50 other aquatic organisms 1	85 mg/l waterflea
Log Pow	-1,72

#### 12.2. Persistence and degradability

TOILET BOWL CLEANER	
Persistence and degradability	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

bronopol (INN); 2-bromo-2-nitropropane-1,3-diol (52-51-7)	
Biodegradation	70 - 80 % OECD 301B Ready Biodegradability, CO2 Evolution Test, 28 days

#### 12.3. Bioaccumulative potential

TOILET BOWL CLEANER	
Bioaccumulative potential	Not established.

CITRIC ACID (77-92-9)	
Log Pow	See section 12.1 on ecotoxicology

bronopol (INN); 2-bromo-2-nitropropane-1,3-diol (52-51-7)	
Bioaccumulative potential	Low bioaccumulation potential.

#### 12.4. Mobility in soil

# TOILET BOWL CLEANER

## Safety Data Sheet

according to the Model Work Health and Safety Regulations

<b>CITRIC ACID (77-92-9)</b>	
Log Pow	See section 12.1 on ecotoxicology
<b>bronopol (INN); 2-bromo-2-nitropropane-1,3-diol (52-51-7)</b>	
Ecology - soil	No data available.

### 12.5. Other adverse effects

Ozone : Not classified  
Other adverse effects : No additional information available

<b>TOILET BOWL CLEANER</b>	
Fluorinated greenhouse gases	False
<b>CITRIC ACID (77-92-9)</b>	
Fluorinated greenhouse gases	False
<b>bronopol (INN); 2-bromo-2-nitropropane-1,3-diol (52-51-7)</b>	
Fluorinated greenhouse gases	False

## SECTION 13: Disposal considerations

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

ADG	IMDG	IATA
<b>14.2. UN proper shipping name</b>		
Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>		
Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>		
	Marine pollutant : No	

### 14.6. Special precautions for user

Specific storage requirement : No data available  
Shock sensitivity : No data available

### 14.7. Additional information

Other information : No supplementary information available

#### Transport by road and rail

Not applicable

#### Transport by sea

MFAG-No : 154

#### Air transport

Not applicable

### 14.8. Hazchem or Emergency Action Code

Hazchemcode : Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

No additional information available

### 15.2. International agreements

No additional information available

## SECTION 16: Any other relevant information

Indication of changes:

Section	Changed item	Change	Comments
	Date of issue	Modified	
	Revision date	Modified	
2.1	Classification (GHS AU)	Modified	

# TOILET BOWL CLEANER

## Safety Data Sheet

according to the Model Work Health and Safety Regulations

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Revision date : 20/03/2019

Other information : None.

Classification:

Eye Irrit. 2A	H319
---------------	------

Full text of H-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Acute Tox. 5 (Dermal)	Acute toxicity (dermal), Category 5
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H302	Harmful if swallowed.
H313	May be harmful in contact with skin
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.

SDS Australia

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*