

# SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION:

**Kemsol BOWL PATROL** Cleaner & sanitiser for toilet bowls & urinals

### CHEMICAL SOLUTIONS LTD

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Auckland 2022  
New Zealand.

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EMERGENCY CONTACT: Phone (64-9) 255-5609 8 am to 5 pm Mon to Fri  
After Hours: National Poisons & Hazardous Chemical Information Centre: 0800-764-766 (0800-POISON)

## 2. HAZARD IDENTIFICATION:

Not Classified as a dangerous good according to NZS 5433:2012 -Transport of Dangerous Goods on Land.

This product is classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.  
Approved under: Cleaning Products Subsidiary Hazards Group Standard: HSR No: 00002530  
Signal Word: DANGER

HSNO Hazard Classification & Hazard Statements	
6.3A Causes skin irritation.	9.1C Harmful in the Aquatic Environment
8.3A Causes serious eye damage.	

### Precautionary Statements:

Read label before use. Wear protective gloves, protective clothing and eye protection/face protection. Do not mix with other chemicals.  
Keep out of reach of children. Avoid release to the environment.

## 3. COMPOSITION & INFORMATION ON INGREDIENTS:

Benzalkonium chloride (CAS# 8001-54-5)	0.25 %
Sulphamic Acid (CAS# 5329-14-6)	2 – 10 %
Citric acid (CAS# 77-92-9)	2 – 10 %
Surfactant	2 – 10 %
Perfume, colouring, thickener	< 2 %
Water	to 100 %

## 4. FIRST AID MEASURES:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.  
IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention. Take off contaminated clothing and wash before re-use.  
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor if you feel unwell.  
MEDICAL ASSISTANCE: IF exposed or concerned get medical advice/ attention. Call your nearest Medical Centre or the NZ National Poisons Centre 0800-764-766 for advice. Have this label or Safety Data Sheet on hand.

## 5. FIRE FIGHTING MEASURES:

This product is neither flammable nor combustible.  
Drums subject to the heat of a prolonged fire may explode or erupt scattering contents with possibility of enhancing combustion. Where possible remove drums and containers from the path of a fire, or cool with water spray.  
Firefighters may use water spray, jet, fog, foam, CO<sub>2</sub>, or dry chemical powder to extinguish a fire in the vicinity.

## 6. ACCIDENTAL RELEASE MEASURES:

Spills on floors will produce a slippery surface. Signage preventing foot traffic should be erected where appropriate.  
Minor spills (less than 100 litres) should be contained from drainage, diluted with water, neutralised where appropriate, and removed with mops, or absorbed with Mineral Sponge, rags, paper, sand, or soil. It may be possible to drain small spills to town wastewater services where permitted by local authorities.  
Large spills (drums and IBCs) should be contained from local drainage with any suitable bund or barrier. Clean up with absorbant material such as Mineral Sponge, paper, rags, sand or soil. Where a liquid suction cleaning machine is available, it should be used only after neutralising the spill product.

## 7. HANDLING AND STORAGE:

Store containers in sites where they can be kept cool and dry and away from heat sources. Liquid products in drums and carboys must have secure closures which fit.

Handle to prevent damage to containers. Should packaging be damaged, repack into clean and dry containers of the same type and mark the product name carefully on an easily seen location on the container.

After use, always replace lids and caps and return to safe storage as soon as possible.

There are no specific transport restraints for this material in secure containers.

## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION:

Exposure controls:	No data is available for the product.
Eye protection:	Safety glasses.
Protective clothing:	Chemically impregnable gloves may be required for extended work periods.
Respiratory protection:	Not required for the regular use of this product.
Ventilation:	Ensure adequate ventilation is provided in the work space.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

<b>Appearance</b>	Blue-green translucent gel
<b>Odour</b>	Fresh citrus-lime
<b>pH</b>	1.5
<b>Flash Point</b>	Not applicable
<b>Ignition Point</b>	Not applicable
<b>Specific Gravity</b>	1.04
<b>Refractive Index</b>	8 %Bx
<b>Viscosity</b>	4000 mPa.s
<b>Relative Foam</b>	Low /medium
<b>Solubility in water</b>	Completely in all proportions

## 10. STABILITY AND REACTIVITY:

The product is considered stable under normal storage conditions.  
 Avoid contamination with oxidising substances.  
 Hazardous polymerisation will not occur.  
 Combustion of this product will release oxides of carbon and nitrogen.

## 11. TOXICOLOGICAL INFORMATION:

No data is available for the product  
 Sulphamic acid -SPECIES: Guinea Pig, ENDPOINT: LD50, VALUE: 1050 mg/kg

## 12. ECOLOGICAL INFORMATION:

No data is available for the product.  
 Benzalkonium chloride: SPECIES: Fathead Minnow (Pimephales promelas), TYPE OF EXPOSURE: Static DURATION: 96 hr, ENDPOINT: LC50 VALUE: 0.28 mg/l

## 13. DISPOSAL CONSIDERATIONS:

Minor spilled liquids (after neutralisation) may be disposed of through town wastewater systems where these are authorised for industrial use.  
 Major spills, which have been collected by machine or on absorbants, should be disposed of by waste disposal experts in accordance with local regulations.  
 Used containers should be rinsed, not recycled, but disposed of in landfill or incinerated.

## 14. TRANSPORT INFORMATION:

NZ Land Transport Rule: Dangerous Goods Rule 2005

Classified as not dangerous for Land Transport in New Zealand

## 15. NZ REGULATORY INFORMATION:

This material is hazardous according to the criteria of the Health & Safety at work (Hazardous substances) Regulations 2017.  
 This material is hazardous according to the EPA Minimum Degrees of Hazard and Classification Notices 2017.  
 Cleaning Products Subsidiary Hazards Group Standard: HSR No: 002530.

HSNO Act Controls Regulations 2001 for the product:  
 Limit and monitor exposure during the use of the product  
 Wear suitable protective clothing while being used  
 Limit exposure to the environment

Make use of suitable equipment for handling the product  
 Dispose of waste or spilt material only through a recognised expert company

## 16. OTHER INFORMATION:

Formulation reference and version number: S5-037  
 This SDS was prepared from data available on 20 Jan 2015  
 This SDS was printed on 14 May 2018.  
 This SDS will be reviewed no later than 20 Jan 2020

END OF THIS SAFETY DATA SHEET

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