

Material Safety Data Sheet

Infosafe No™ YSY3K Issue Date : January 2015 ISSUED by PLESSJAL

Product Name : PRO-KLEEN TOILET BOWL CLEANER

Classified as hazardous

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name PRO-KLEEN TOILET BOWL CLEANER
Product Code PK841
Product Type Acidic liquid.
Company Name Peerless Jal Pty Ltd (ABN 53 006 489 345)
Address 10-12 Raglan Street Preston
Victoria 3072 Australia
Telephone/Fax Number Tel: (03) 9416 6700
Fax: (03) 9416 8516
Email sales@peerlessjal.com
Recommended Use For the general cleaning of toilet bowls and urinals.
Other Information The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the material are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising from or in any way connected with the handling, storage, use or disposal of the material.

2. HAZARDS IDENTIFICATION

Hazard Classification Classified as hazardous
CORROSIVE. Can cause irritation to skin and will burn eyes if direct contact with the product is made.
Risk Phrase(s) Classified as hazardous
R21 Harmful in contact with skin.
Safety Phrase(s) S24/25 Avoid contact with skin and eyes.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
Human Health Effects
Inhalation: Irritation of the mucous membranes and upper respiratory tract. Symptoms may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting.
Ingestion: Corrosive. Swallowing can cause severe burns of the mouth, throat, and stomach. Can cause sore throat, vomiting, diarrhea.
Skin Contact: Corrosive. Symptoms of redness, pain, and severe burn can occur.
Eye Contact: Corrosive. Can cause blurred vision, redness, pain, severe tissue burns and eye damage.
Chronic Exposure: No information found.
Aggravation of Pre-existing Conditions: No information found.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization Liquid

Ingredients	Name	CAS	Proportion	Hazard Symbol	Risk Phrase
	Fragrances & Dyes	N/A	0-10 %		
	Ethoxylated linear alcohol	N/A	0-10 %		
	Thickeners	N/A	0-10 %		
	Sulphamic Acid	5329-14-6	1-5 %		
	Water		To 100		

4. FIRST AID MEASURES

Inhalation Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

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Ingestion Do NOT induce vomiting. Give a glass of water. If vomiting occurs, give more water and contact a doctor or the Poisons Information Centre. Phone 13 1126.
Skin Wash affected area with soap and water
Remove contaminated clothing and wash before reuse.
Eye Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.
First Aid Facilities Eye wash and normal washroom facilities.
Advice to Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Fire Fighting Measures Fire:
Non Flammable
Not considered to be a fire hazard.
Explosion:
Not considered to be an explosion hazard.
Fire Extinguishing Media:
Use any means suitable for extinguishing surrounding fire.
Special Information:
In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.
Specific Hazards Non - flammable.
No harmful decomposition products formed.
Treat fire for materials actually involved in the fire.
Hazchem Code 2X

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures Ventilate area of leak or spill. Keep unnecessary and unprotected people away from area of spill. Wear appropriate personal protective equipment. Pick up and place in a suitable container for reclamation or disposal.
Spills & Disposal Caution must be taken as floor may get slippery.
Pick up excess with mop or wet vacuum to containers for disposal and rinse residue with water.
Consult local authorities for disposal.

7. HANDLING AND STORAGE

Handling and Storage Keep in a tightly closed container. Protect from physical damage. Store in a cool, dry, ventilated area away from sources of heat. Containers of this material may be hazardous when empty since they retain product residues; observe all warnings and precautions listed for the product.
Corrosiveness Corrosive.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards Not applicable.
Engineering Controls Ventilation: No special requirements when used in accordance with label directions.
During Manufacture of Product: A system of local and/or general exhaust is recommended to keep employee exposures as low as possible.
Respiratory Protection For conditions of use where exposure to mist is apparent, a half-face dust/mist respirator may be worn. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator. WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.
Eye Protection Use chemical safety goggles and/or full face shield where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.
Hand Protection Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls as needed to prevent skin contact
Personal Protective Equipment Avoid contact with skin and eyes.
Wear suitable protective clothing, gloves and eye/face protection.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Form Liquid
Appearance Clear blue slightly viscous liquid with floral odour.
Odour Spice/Sanitiser odor.
Boiling Point Approx 100°C
Solubility in Water Infinite.
Specific Gravity 1.045 ± 0.005
pH Value 1.0-2.0
Vapour Pressure Not determined. (at 25°C)
Volatile Component Approx. 94 - 95.5 %
Flash Point Non flammable
Flammability Non - flammable under conditions of use.
Flammable Limits - Lower Not applicable
Flammable Limits - Upper Not applicable

10. STABILITY AND REACTIVITY

Stability and Reactivity Acidic Solution. Stable under ordinary conditions of use and storage.
Incompatible Materials Strong oxidizers, nitric acid, chlorine. Acid Solutions react violently with bases.
Hazardous Decomposition Products Sulphamic Acid: May emit ammonia, oxides of sulfur, oxides of nitrogen, and oxides of carbon.
Hazardous Polymerization Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information For Sulphamic Acid:
Oral rat LD50: 3160 mg/kg; Irritation data: skin human, standard Draize:4%/5D-I mild. Skin rabbit, standard Draize, 500 mg/24H severe. Eye rabbit, standard Draize: 250 ug/24H Severe.
-----\Cancer Lists\-----
-----NTP Carcinogen-----
Ingredient Known Anticipated IARC Category

Sulfamic Acid (5329-14-6) No No None
Inhalation Not applicable in normal use of product.
Ingestion Irritant.
Skin Irritant, will dry and crack skin with repeated or prolonged contact.
Eye Irritant. Contamination of eyes can result in permanent injury.

12. ECOLOGICAL INFORMATION

Ecological Information Environmental Fate:
No information found.
Environmental Toxicity:
No information found.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility.
Dispose of container and unused contents in accordance with federal, state and

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local requirements.

14. TRANSPORT INFORMATION

Transport Information	Classified as dangerous goods according to the Transport of Dangerous Goods (ADG) Code.
U.N. Number	3264
Proper Shipping Name	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
DG Class	8
Hazchem Code	2X
Special Precautions for User	Corrosive liquid, Acidic, Inorganic, NOS (Contains Sulphamic Acid)
Packaging Method	3.8.8
Packing Group	II
Storage and Transport IERG Number	No special transporting requirements. When storing, do not allow to freeze and store below 35°C i.e. Store between 5°C and 35°C. 37
UN Number (Road Transport)	3264
Other Information	This MSDS summarises our best knowledge of health and safety hazard information of the product and how to safely handle and use the product.

15. REGULATORY INFORMATION

Regulatory Information	Classified as hazardous HAZARDOUS SUBSTANCE. SCHEDULED POISON.
Poisons Schedule	Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC). Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP). S5
Hazard Category	Harmful
Other Information	This MSDS HAS BEEN PREPARED ACCORDING TO THE CRITERIA SET IN THE STANDARDS FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS AND THE AUSTRALIAN DANGEROUS GOODS CODE.

16. OTHER INFORMATION

Technical Contact Point	Technical Department 10-12 Raglan Street Preston Victoria 3072 Tel: (03)9416 6700 (BH) Fax: (03)9416 8516
Other Information	ID No.: PK841 ...End Of MSDS...

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