



MATERIAL SAFETY DATA SHEET

Section 1: IDENTIFICATION

TOILET BOWL CLEANER

Recommended Use: A fast acting bowl and urinal cleaner. TBC is also a disinfectant, detergent and is thickened to enhance surface penetration and reduce wastage. Also used for the removal of soap scum and body fats.



Product Code: 781

MASTER AUSTRALIA PTY LTD (A.B.N. 66 092 483 880)
Postal Address: 45 Marrickville Rd, Marrickville, NSW 2204
Telephone Number: (02) 9550 5800 Facsimile: (02) 9550 5876
Emergency Telephone Number: Poisons Information Centre (National) 13 11 26

Section 2: HAZARDS IDENTIFICATION

Classified as hazardous by the criteria of NOHSC.

Irritant.

R36/38: Irritating to eyes and skin.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible.)

Section 3: COMPOSITION INFORMATION

| <u>Ingredient</u> | <u>CAS No</u> | <u>Proportion</u> |
|---------------------------|---------------|-------------------|
| Non-hazardous ingredients | ----- | To 100% |
| Phosphoric Acid* | 7664-38-2 | 10-30% |

* actual concentration 15 – 25%.

Section 4: FIRST AID MEASURES

| | |
|------------------------|--|
| Eye (Contact) | Hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre, or for at least 15 minutes. |
| Skin (Contact) | Remove contaminated clothing and flush skin and hair with running water. |
| Inhalation(Breathing) | Apply artificial respiration if not breathing. |
| Ingestion (Swallowing) | Do NOT induce vomiting. For advice, contact a Poisons Information Centre (Phone 131126) or a doctor. |

Advice to Doctor Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

| | |
|---|---|
| Suitable extinguishing media | Use water fog to keep fire-exposed containers cool. |
| Hazards from combustion products | Burning can produce carbon monoxide and/or carbon dioxide. |
| Precautions for fire fighters and special protective equipment | Use water to cool containers. If safe to do so, remove containers from path of fire. Firefighters must wear self-contained breathing apparatus with full face-mask and protective clothing. |
| Additional information | None available. |

Section 6: ACCIDENTAL RELEASE MEASURES

| | |
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| Emergency procedures | SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide 37 for large spills. |
| Methods and materials for containment and clean up | Clear area of all unprotected personnel. Wear full protective equipment to prevent skin and eye contact. Collect in an appropriate container or absorb with an inert material (eg vermiculite, dry sand, earth), and place in a chemical waste container. |

Section 7: HANDLING AND STORAGE

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|---|--|
| Precautions for safe handling | Any non-intended or non-authorized use of this product may result in personal injury or damage to equipment. Store product in original container. Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities. |
| Conditions for safe storage, including any incompatibilities | Store in a cool, dry, well ventilated area away from incompatible materials. Keep container tightly sealed. Check regularly for spills and leaks. Protect against physical damage. |

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

National Exposure Standards - Source: National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003].

| <u>Ingredient</u> | <u>CAS No</u> | <u>TWA</u> | <u>STEL</u> |
|-------------------|---------------|--------------------|--------------------|
| Phosphoric Acid | 7664-38-2 | 1mg/m ³ | 3mg/m ³ |

| | |
|--------------------------------|---|
| Biological limit values | Not available. |
| Engineering controls | Ensure adequate ventilation to keep airborne concentrations below exposure standards. |

Personal protective equipment

Eye/face protection – Safety glasses or chemical resistant goggles should be worn to prevent eye contact.

Skin protection – Use nitrile rubber gloves to prevent skin contact.

Respiratory protection – Respirator is not usually necessary but if product is being used in a confined area where mist is a problem, use an approved respirator.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-------------------------|--------------------------|-------------------------------|---------------------|
| Appearance: | Thick, clear blue liquid | Boiling Point: | Approximately 100°C |
| Odour: | Characteristic | Freezing Point: | Approximately 0°C |
| pH: | <2 | Solubility: | Soluble in water |
| Vapour Pressure: | Not available | Specific Gravity: | 1.06 – 1.09 |
| Vapour Density: | Not available | Flammable information: | Not applicable |

Section 10: STABILITY AND REACTIVITY

| | |
|---|--|
| Chemical stability | Stable under normal ambient storage conditions. |
| Conditions to avoid | Avoid high temperatures (store below 30°C). Protect against physical damage. |
| Incompatible materials | Incompatible with most metals and bases. |
| Hazardous decomposition products | None known. |
| Hazardous reactions | None known. |

Section 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS**Acute**

Swallowed Considered an unlikely route of entry in commercial / industrial environments. May cause tissue irritation or damage in the mouth, throat and stomach.

Eye Pain, irritation and reddening may occur. Seek immediate medical attention.

Skin May cause irritation, reddening, burning and swelling.

Inhaled May cause irritation to the nose, throat and respiratory tract.

Chronic

Swallowed No effects known.

Eye No effects known.

Skin No effects known.

Inhalation No effects known.

TOXICITY DATA

Phosphoric acid

LD₅₀ 1530mg/kg (oral, rat)

RTECS TB6300000

Section 12: ECOLOGICAL INFORMATION

Not expected to be ecotoxic.

Biodegradability data not yet available.

Section 13: DISPOSAL CONSIDERATIONS

Refer to state/Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor. Normally suitable for incineration by approved agent.

Section 14: TRANSPORT INFORMATION

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).

| | |
|-------------------------------------|--------------------------|
| UN Number | 1760 |
| UN Proper Shipping Name | CORROSIVE LIQUID, N.O.S. |
| Class and subsidiary risk | 8 – Corrosive |
| Packing Group | III |
| Special precautions for user | Not applicable |
| Hazchem Code | 2X |

Section 15: REGULATORY INFORMATION

Poisons Schedule (SUSDP): Schedule 5 – CAUTION

SAFETY – Avoid contact with eyes. Avoid contact with skin.

All ingredients are listed on the Australian Inventory of Chemical Substances (AICS).

Section 16: OTHER INFORMATION

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|--------------|------------------|-----------|----------------------------------|
| Prepared by: | K. Duncum | Position: | Regulatory Compliance Technician |
| Date | 16 November 2005 | | |

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