

MATERIAL SAFETY DATA SHEET

Section 1: Identification

Product Name	Toilet Bowl Cleaner
Commercial Description	Mixture of acid and thickener in aqueous solution
Manufacturer	Elite Hygiene (M) Sdn Bhd 11-3, PJ21, Jalan SS 3/39, 47300 Petaling Jaya, Selangor Darul Ehsan, Malaysia. Tel. No : +603-7865 8181 Fax No : +603-7865 8181

Section 2: Hazard(s) Identification

Human Health Hazards

- | | |
|-----------------|--|
| a) Inhalation | Not applicable |
| b) Skin Contact | May irritate skin of sensitive individuals |
| c) Eye Contact | May cause irritation |
| d) Ingestion | Not for ingestion |

Risk phrases	R:38 Irritating to eyes
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Safety phrases	S:25 Avoid contact with eyes
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Section 3: Composition/Info on Ingredients

Product Name: Toilet Bowl Cleaner

Ingredients: Aqua, Hydrochloric acid, Thickener, Fragrance, Colorant

Section 4: First-aid Measures

Inhalation	If fumes or combustion products are inhaled remove from contaminated area. Lay patient down, keep warm and rested. Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary. Transport to hospital or doctor without delay.
Skin contact	Immediately flush body and clothes with large amount of running water. Quickly remove all contaminated clothing. Transport to hospital or doctor without delay
Eye Contact	Immediately hold eyelids apart and flush the eye continuously with running water. Transport to hospital or doctor without delay.
Ingestion	Do not induce vomiting. Rinse mouth with water then drink one or two glasses of water. Obtain medical attention. Transport to hospital or doctor without delay.

Section 5: Fire Fighting Measures

Extinguisher Media	Dry chemical powder, Water spray, BCF, Carbon Dioxide
Fire Fighting Instruction	Wear full body protective clothing with breathing apparatus.
Risk of violent reaction or explosion	No
Products of combustion	Water vapour, oxides of carbon, oxides of sulphur, oxides of nitrogen
Protective Equipment	Breathing apparatus and protective gloves for fire only.

Section 6: Accidental Release Measures

For large spills	Contain spillage using sand or earth. Transfer liquid and solids to suitable container. Treat residues as small spillage.
For small spills	If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise absorb on inert absorbent, transfer to suitable container and arrange removal by disposal company. Contain spillage using sand or earth .

Section 7: Handling & Storage

Handling	Avoid all personal contact including inhalation.
Storage	Store in a cool, well ventilated place, out of reach of children. Store in original container. Keep container tightly closed and out of direct sunlight. Keep away from oxidizing agents. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents. Do not use aluminium or galvanised containers.
Incompatibles	Alkaline materials

Section 8: Exposure Controls & Personal Protection

Engineering Measures	Not applicable
Occupational Exposure	No limit has been established. Avoid contact with eyes. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:
Personal Protection	Eye/face protection, gloves: rubber or plastic
Normal use <i>Industrial quantities</i>	Face shield or safety glasses, gloves: rubber or plastic, plastic apron, sleeves and boots Impervious overalls.

Section 9: Physical & Chemical Properties

Appearance	Blue
Odour	Lemon scent
pH	Very acidic
Solubility	Miscible with water (20°C)
Melting point	No data.
Boiling point	> 100°C
Volatiles	About 80% [water]
Volatile Organic Compounds (VOC)	< 1%
Flammable limits	None
Explosive limit	Not applicable

Evaporation rate	No data
Specific gravity/Density @ 25°C	About 1 g/mL

Section 10: Stability & Reactivity	
Chemical Stability	Stable under normal conditions
Condition to Avoid	Avoid contact with alkaline materials.
Incompatibles	Alkaline material
Decomposition Products	Heat
Hazardous Reactions	None known

Section 11: Toxicology Information	
Routes of Entry	Eye/skin contact, Inhalation, Ingestion.
<i>Acute</i>	
Ingestion	Likely to cause gastric upset, nausea, discomfort or pain, vomiting and diarrhea. An aspiration risk.
Skin	Causes skin burns.
Eyes	Serious damage to eyes
Inhalation	Serious damage to respiratory system
Toxicity to Ecology	Water pollutant
Carcinogenicity	Unknown

Section 12: Ecological Information	
Persistence and degradability	Not available
Aquatic toxicity	Pollutant when in high concentration
Bioaccumulative potential	Low
Other adverse effect	

Section 13: Disposal Considerations	
Method of Disposal	Avoid disposal to natural waters or the environment. Disposal is to be performed in accordance with all applicable National environmental laws and regulations.

Section 14: Transport Information	
UN Number	None
UN Proper Shipping Name	None
Class and Subsidiary Risk	None assigned
Packaging Group	None
Special precautions for user	Contain spillages
Material for export	Not regulated

Section 15: Regulatory Information	
Dangerous Goods	No.
Carcinogen	No.
Other National/International Regulations	No data found.

Section 16: Other Information	
Other Special Considerations	Not available.
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