



## Material Safety Data Sheet

### And Safe Handling and Disposal Information

#### Section 1. Chemical Product and Company Identification

Product name Acid Toilet Cleaner  
Brand: PROCLEAN  
Product Code

Date of issue

20/03/2021

Emergency Telephone Numbers

For MSDS Information:  
00974 44327723

For a Medical Emergency:

+974 3355 6693

Prepared for MIDDLE EAST CLEANING CO  
Al Jazira Al Arabiya Street, Madinat Khalifa South  
Doha Qatar

#### Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS#	% by Weight	Exposure Limits
HYDROCHLORIC ACID;	7647-01-0	15-20	ACGIH (United States). TWA: 5 ppm

#### Section 3. Hazards Identification

HMIS

##### Acute Effects

**Routes of Entry** Dermal contact, Eye contact, Inhalation

**Skin** Hazardous in case of skin contact (corrosive). Skin contact may produce burns.

**Eyes** Hazardous in case of eye contact (corrosive). Causes eye burns.

**Inhalation** Hazardous in case of inhalation. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath. Over-exposure by inhalation may cause respiratory irritation.

**Ingestion** Harmful if swallowed. May cause burns to mouth, throat and stomach.

**Carcinogenic Effects** Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

**Chronic Effects** Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to spray mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection.

See Toxicological Information (section 11)

HMIS	
Health	3
Fire Hazard	0
Reactivity	0
Personal Protection	B

**Section 5. Fire Fighting Measures**

<b>Flash Point</b>	Not applicable.	<b>Flammable Limits</b>	Not applicable.
<b>Flammability</b>	Non-flammable.		
<b>Fire Hazard</b>	Not applicable.		
<b>Fire-Fighting Procedures</b>	Use an extinguishing agent suitable for surrounding fires.		

**Section 6. Accidental Release Measures**

<b>Spill Cleanup</b>	Put on appropriate personal protective equipment (see Section 8). Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.
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**Section 7. Handling and Storage**

<b>Handling</b>	Avoid contact with eyes, skin and clothing. Do not ingest. Avoid breathing vapors or spray mists. Use only with adequate ventilation. Wash thoroughly after handling. Do not reuse product container. Do not use with other products.
<b>Storage</b>	Keep container tightly closed. Keep container in a cool, well-ventilated area. Keep out of the reach of children.

**Section 8. Exposure Controls, Personal Protection****Personal Protection****Protective Clothing (Pictograms)**

<b>Eyes</b>	Splash goggles.	
<b>Body</b>	Protective gloves should be worn under normal conditions of use.	
<b>Respirator</b>	A respirator is not needed under normal and intended conditions of product use.	

**Section 9. Physical and Chemical Properties**

<b>Physical State</b>	Liquid	<b>Color</b>	Blue-green.
<b>pH</b>	<1 [Acidic.]	<b>Odor</b>	Sassafras
<b>Boiling Point</b>	100°C (212°F)	<b>Vapor Pressure</b>	Not determined.
<b>Specific Gravity</b>	1.04 (Water = 1)	<b>Vapor Density</b>	Not determined.
<b>Solubility</b>	Easily soluble in cold water & hot water.	<b>Evaporation Rate</b>	Not determined.
		<b>VOC (Consumer)</b>	2 (g/l)

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	The product is stable.
<b>Incompatibility</b>	Highly reactive with OXIDIZING AGENTS, metals, alkalis.
<b>Hazardous Polymerization</b>	Will not occur
<b>Hazardous Decomposition Products</b>	In a fire, decomposition may produce toxic gases/fumes.

**Section 11. Toxicological Information**

<b>Toxicity to Animals</b>	<b>Hydrochloric Acid:</b>
	ORAL (LD50): Acute: 900 mg/kg[Rat].
	VAPOR (LC50): Acute: 4701 ppm 0.5 hour(s)[Rat].

**Section 12. Ecological Information**

<b>Eco-toxicity</b>	Not available
<b>Biodegradable/OE</b>	Not available

**Section 13. Disposal Considerations**

<b>Waste</b>	Waste must be disposed of in accordance with federal, state and local environmental control regulations. Code: D002
<b>Information</b>	Classification: Corrosive Origin: RCRA
<b>Waste Stream</b>	

Consult your local or regional authorities.

**Section 14. Transport Information**

<b>Proper shipping name</b>	Corrosive liquid, acidic, inorganic, no's. (Hydrochloric acid) or Consumer Commodity ORM-D in limited quantities
<b>DOT Classification</b>	Class 8: Corrosive liquid
<b>UN number</b>	UN3264
<b>TDG Classification</b>	TDG Class8: Corrosive liquid; 9.2: Environmentally hazardous material.