



SWADESH INTERNATIONAL

MATERIAL SAFETY DATA SHEET (MSDS)

1. PRODUCT NAME AND COMPANY IDENTIFICATION

- **Product Name:** toilet cleaner concentrate
- **Use:** Professional toilet bowl cleaning/descaling.
- **Manufacturer:** Swadesh International (WHO-GMP Certified)
- **Address:**
Survey No: 512, Plot No. 7, Shri Hari Industrial Park,
Kadadra Village, Near ZAK GIDC, Dehgam,
Gandhinagar, Gujarat, India – 382330

Contact:

- Email: business.swadesh@gmail.com
- Website: www.swadeshindia.in

2. COMPOSITION/INGREDIENT INFORMATION

Ingredient	CAS No.	Concentration
Hydrochloric Acid (20%)	7647-01-0	15-25%
Phosphoric Acid	7664-38-2	5-10%
Sodium Hypochlorite	7681-52-9	1-3%
Alkyl Dimethyl Benzyl Ammonium Chloride	68424-85-1	0.5-2%
Dye (Blue)	Proprietary	0.001-0.01%
Corrosion Inhibitor	51811-79-1	0.1-0.5%



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3. HAZARDS IDENTIFICATION

- GHS Symbols:
 - Skin Corrosion (Category 1B, H314)
 - Eye Damage (Category 1, H318)
- Hazard Statements:
 - Causes severe skin burns and eye damage

4. FIRST AID MEASURES

- **Eye Contact:** Immediate flushing (30 mins),
- **Skin Contact:** Remove clothing, rinse 15 mins
- **Inhalation:** Move to fresh air immediately

5. FIRE FIGHTING MEASURES

- Non-flammable
 - **Fire Hazards:** Chlorine gas (when mixed with ammonia)

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

- **Containment:** Neutralize with soda ash/sodium bicarbonate
- **Environmental:** Prevent drain entry (highly toxic to aquatic life)

7. HANDLING AND STORAGE

- **Handling:** NEVER mix with ammonia products
- **Storage:** <30°C in HDPE containers



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8. EXPOSURE CONTROL/PERSONAL PROTECTION

- **Engineering Controls:** Local exhaust ventilation.
- **PPE:**
 PPE: Acid-resistant gloves, face shield, apron
 Ventilation: Chemical fume hood required

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Blue viscous liquid
Odor	Pungent acidic
pH	<1.0 (concentrated)
Specific Gravity	1.10-1.15

10. STABILITY AND REACTIVITY

- **Incompatible:** Strong acids
- **Stable:** under normal conditions

11. TOXICOLOGICAL INFORMATION

- **Acute Toxicity:** LD50 (oral rat) 50 mg/kg (HCl)
- **Chronic Effects:** Respiratory damage from repeated exposure



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12. ECOLOGICAL INFORMATION

- **LC50 (Fish):** LC50 0.5 mg/L (fish, 96h)
- **Biodegradability:** safe for septic systems.

13. DISPOSAL CONSIDERATIONS

- **Small Spills:** Flush with water.
- **Large Spills:** Professional disposal (landfill/incineration)

14. TRANSPORT INFORMATION

- **Not classified** as dangerous goods (ADG/IMDG/IATA).

15. REGULATORY INFORMATION

- **Compliant with:** GHS, India BIS, Safe Work Australia.

16. ADDITIONAL INFORMATION

SDS Prepared by: Swadesh International

Disclaimer: This MSDS is provided for informational purposes only. Users should make their own determination of suitability for any particular purpose.