

Toilet Cleaner(HCl Free)

1. Identification of the product:

Product Name: Toilet Bowl Cleaner

Company: **Rafooneh**

Address:

Telephone:

Fax:

E-mail:

Web-site:

2. Composition of ingredients:

Ingredients	CAS No.	wt %
Nonionic Surfactants	68002-97-1	1-5%
Cationic Surfactants	61791-10-4	1-5%
Phosphoric Acid	7664-38-2	8-12%
Citric Acid	77-92-9	1-2%
Propylene Glycol	57-55-6	1-5%
Benzalkonium Chloride	8001-54-5	1-2%
Water	7732-18-5	up to 100%

3. Hazards Identification:

No ingredient present at a concentration leading to a classification of hazardous under the Chemicals (Hazard Information and Packaging) Regulations (CHIP). Prolonged or repeated skin contact may cause irritation.

Eye Contact: Rinse immediately with copious amounts of water for at least 10 minutes, holding the eyelids open. Obtain immediate medical advice.

Skin Contact: Flush contaminated area with running water for 10 minutes, remove any contaminated clothing and launder before re-use. If irritation persists or there is any sign of skin damage seek medical advice immediately.

Ingestion: If conscious, remove product from mouth, give casualty a small quantity of water or milk to drink and seek medical advice. Do not induce vomiting

Inhalation: Remove from source of exposure. Seek medical advice if symptoms persist. Exposure by inhalation is unlikely in normal use.

4. First-Aid Measures:

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention immediately.

Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops.

Swallowing; Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

5. Fire Fighting Measures:

Use extinguishers appropriate to surrounding fire. No special procedures required. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

6. Accidental Release Measures:

Clear area of all unprotected personnel. Wear protective equipment to prevent skin and eye contact and breathing in dust. Work up wind or increase ventilation. Cover with absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labeled containers or drums for disposal. Wash area down with excess water. If contamination of sewers or waterways has occurred advise local emergency services.

No Special precautions are required.

7. Handling and Storage:

Avoid skin and eye contact and breathing in fumes. Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials. Keep containers closed when not in use - check regularly for spills.

8. Personal Protection:

Use material in well-ventilated area. Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Avoid generating and breathing in aerosols. Use with local exhaust ventilation or while wearing dust mask. Keep containers closed when not in use. Use gloves during work with the concentrated product. If risk of spatter use goggles or face shield. Wash hands after using wipes.

9. Physical and Chemical Properties:

Appearance: Cleaner is a transparent liquid.

Odor: Mild odor

Specific Gravity: 1.010- 1.050

Vapor Pressure: na

Water Solubility: 100%

Boiling Point: >100 °C (212oF)

pH <2

10. Stability:

Stable under normal condition.

Conditions to avoid: Chlorinated products, oxidizing agents.

Incompatibilities: Ammonia, bleach and other alkaline materials; aluminum & zinc.

Hazardous Decomposition Products: None expected.

11. Toxicological Information:

Not Available.

12. Ecological Information:

Not Available.

13. Disposal consideration:

Dispose of in accordance with all local regulations. For small quantities dilute with at least 100 parts of water and pour down waste water drain (foul sewer). Rinse out empty containers thoroughly and recycle if facilities exist or dispose of as commercial waste.

14. Transport Information:

DOT Classification: Not Available.

UN NO. : Not Allocated

Proper Shipping Name: Cleaning Liquid

15. Regulatory Information:

Not available.

16. Other information:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.