

MATERIAL SAFETY DATA SHEET (MSDS)

FlexFive Toilet Cleaner

1. IDENTIFICATION

- **Product Name:** FlexFive Toilet Cleaner
- **Other Names:** Toilet Bowl Cleaner / Lavatory Cleaner
- **Recommended Use:** Home care cleaning product for toilet bowls.
- **Manufacturer:** FlexFive
- **Address:** Surat, India
- **Telephone:** [Company phone]
- **Email:** [Support email]
- **Emergency Contact:** [24/7 emergency phone if available]
- **Issue Date:** 2025-08-19
- **Version:** v1.0

2. HAZARD(S) IDENTIFICATION

- **Classification (GHS):** Classified as a corrosive/irritant.
- **Signal Word:** DANGER.
- **Hazard Statements:** Causes severe skin burns and eye damage. Harmful if swallowed.
- **Precautionary Statements:** Keep out of reach of children. Avoid contact with eyes, skin, and clothing. Do not ingest. Use in a well-ventilated area. Keep container tightly closed.
- **Pictograms (if applicable):** Corrosive.
- **Other Hazards:** No data indicating PBT or vPvB properties under normal use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture. Typical components may include: water, acids (e.g., hydrochloric acid, citric acid) or bleach (e.g., sodium hypochlorite), surfactants, thickeners, dyes, and fragrances. Exact percentages are proprietary but within consumer product safety limits.

4. FIRST AID MEASURES

- **Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention immediately.
- **Skin Contact:** Remove contaminated clothing. Wash affected area with soap and water for at least 15 minutes. Seek medical attention immediately.
- **Inhalation:** Move to fresh air. If symptoms persist, seek medical attention.
- **Ingestion:** Rinse mouth. Do NOT induce vomiting. Give small amount of water. Seek medical advice immediately.
- **Most Important Symptoms:** Severe eye and skin irritation, burns, pain, nausea.

5. FIRE-FIGHTING MEASURES

- **Suitable Extinguishing Media:** Water spray, dry chemical, carbon dioxide, or foam.
- **Specific Hazards:** Non-flammable aqueous solution. Combustion may produce CO/CO

and irritating fumes.

- **Protective Equipment for Firefighters:** Wear self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate PPE (gloves/eye protection/protective clothing). Contain spill. Absorb with inert material (sand, vermiculite). Prevent entry into drains/waterways. Dispose of collected material in accordance with local regulations.

7. HANDLING AND STORAGE

Handle with good industrial hygiene practices. Avoid eye and skin contact. Do not mix with other chemicals, especially bleach (for acid variants) or acids (for bleach variants). Store upright in a cool, dry, well-ventilated area away from sunlight and heat sources. Keep container tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Engineering Controls:** Normal room ventilation is adequate.
- **Personal Protective Equipment (PPE):** For routine consumer use, safety glasses and chemical-resistant gloves are recommended. For bulk handling: full face shield, chemical-resistant gloves, and protective clothing recommended.
- **Exposure Limits:** No occupational exposure limits expected for typical consumer use.

9. PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Liquid (typically viscous, colored)
- **Odor:** Characteristic (fragranced)
- **pH:** Typically < 2 (acidic) or > 11 (alkaline)
- **Melting/Freezing Point:** -0°C (aqueous)
- **Boiling Point:** ~100°C (aqueous)
- **Flash Point:** Not applicable
- **Solubility:** Soluble in water
- **Vapor Pressure:** Similar to water
- **Relative Density:** 1.0-1.2
- **Viscosity:** Medium to high (viscous)

10. STABILITY AND REACTIVITY

Stable under normal storage conditions. Avoid extreme temperatures. Avoid mixing with incompatible materials (e.g., acids with bleach, strong oxidizers). Hazardous polymerization not expected.

11. TOXICOLOGICAL INFORMATION

Acute toxicity is expected to be low for consumer use, but the product is corrosive. Potential

effects: severe eye and skin irritation, burns. Not expected to cause sensitization. No ingredients present at reportable levels are classified as carcinogenic by IARC/OSHA.

12. ECOLOGICAL INFORMATION

Toxic to aquatic life. Avoid uncontrolled release to the environment. Surfactants are biodegradable.

13. DISPOSAL CONSIDERATIONS

Dispose of contents/container in accordance with local/regional regulations. Do not reuse empty containers. Rinse and recycle where facilities exist.

14. TRANSPORT INFORMATION

May be regulated as dangerous goods for transport, depending on concentration of active ingredients. Verify specific UN number if applicable.

15. REGULATORY INFORMATION

This product is intended for consumer use and formulated to comply with applicable regulations in the intended market (e.g., GHS labeling, surfactant biodegradability rules, preservative limits). Ensure local compliance for ingredient disclosure and packaging/labeling.

16. OTHER INFORMATION

- **Prepared by:** FlexFive Compliance Team
- **Supersedes:** New document
- **Disclaimer:** The information is based on data believed to be reliable and is offered in good faith. It applies only to the product as formulated and used according to label directions. Users are responsible for ensuring suitability for their specific application.