

MATERIAL SAFETY DATA SHEET (MSDS)

FlexFive Laundry Detergent Liquid

1. IDENTIFICATION

- **Product Name:** FlexFive Laundry Detergent Liquid
- **Other Names:** Liquid Laundry Wash / Fabric Cleaner
- **Recommended Use:** Home care cleaning product for washing laundry.
- **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):** Not classified as hazardous for consumer use when used as directed.
- **Signal Word:** None required.
- **Hazard Statements:** Causes eye irritation.
- **Precautionary Statements:** Keep out of reach of children. Avoid contact with eyes and prolonged skin contact. Do not ingest. Use in a well-ventilated area. Keep container tightly closed.
- **Pictograms (if applicable):** Exclamation Mark.
- **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, surfactants (anionic/non-ionic/amphoteric), enzymes, optical brighteners, pH adjusters, preservatives, 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 if irritation persists.
- **Skin Contact:** Wash with soap and water. Discontinue use if irritation occurs. Seek medical advice for persistent symptoms.
- **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:** Eye irritation, redness.

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). 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 contact and prolonged skin contact. 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, none required. For bulk handling: safety glasses, 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 (opaque/colored)
- **Odor:** Characteristic (fragranced)
- **pH:** Typically 7.0-9.0
- **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:** 1.0-1.1
- **Viscosity:** Medium to high

10. STABILITY AND REACTIVITY

Stable under normal storage conditions. Avoid extreme temperatures and incompatible materials. Hazardous polymerization not expected.

11. TOXICOLOGICAL INFORMATION

Acute toxicity is expected to be low for consumer use. Potential effects: eye irritation; mild skin irritation upon prolonged contact. Not expected to cause sensitization. No ingredients present at reportable levels are classified as carcinogenic by IARC/OSHA under typical formulations.

12. ECOLOGICAL INFORMATION

Not expected to be acutely toxic to aquatic organisms at consumer-use concentrations. 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

Not regulated as dangerous goods for transport by road (ADR/RID), sea (IMDG), or air (ICAO/IATA) for typical aqueous home care products.

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.