

# COSHH RISK ASSESSMENT

**Product: Zoflora Multipurpose Disinfectant Cleaner (All Perfumes)**

## 1. Company Details

- **Company Name:** Northern Commercial Cleaning Ltd
- **Assessor:** Richard Bland
- **Position:** Director
- **Assessment Date:** 08 October 2025
- **Review Date:** 08 October 2027

## 2. Substance Identification

- **Product Name:** Zoflora Multipurpose Disinfectant Cleaner
- **Type:** Concentrated disinfectant liquid
- **Use:** Disinfection of surfaces, bathrooms, kitchens, and general cleaning
- **Supplier:** Reckitt Benckiser
- **SDS Reference:** Zoflora SDS (All fragrances)

## 3. Hazard Identification (CLP Classification)

*(Based on SDS classification)*


- Acute Toxicity (oral) – Category 4
- Skin Irritation – Category 2
- Eye Irritation – Category 2
- Aquatic Toxicity – Chronic Category 2

### Hazard Statements

- H302: Harmful if swallowed

- H315: Causes skin irritation
- H319: Causes serious eye irritation
- H411: Toxic to aquatic life with long lasting effects

## Key Risk Note

 Concentrated product — must always be diluted before use

## 4. Composition / Hazardous Ingredients

- Contains **benzalkonium chloride (quaternary ammonium compound)**
- Active disinfectant agents at high concentration
- No Workplace Exposure Limits assigned, but irritant at concentrated levels

## 5. Routes of Exposure

- Skin contact (during dilution or misuse)
- Eye contact (splash risk)
- Inhalation of vapours (if overused in confined spaces)
- Ingestion (accidental – high risk if undiluted)

## 6. Persons at Risk

- Cleaning operatives (primary risk group)
- Other staff in treated areas
- Public/clients (low risk when correctly diluted)

## 7. Exposure Assessment

### Factor Detail

Frequency Daily use in cleaning tasks

Duration Short exposure when correctly diluted

Quantity Small measured amounts (concentrate diluted in water)

Environment Indoor domestic and commercial environments

## 8. Control Measures (Hierarchy Applied)

### Elimination/Substitution

- Not applicable (required disinfectant product)

### Engineering Controls

- Ensure good ventilation when in use
- Use clean dilution containers (no cross-contamination)

### Administrative Controls (CRITICAL)

- **MUST be diluted exactly as per manufacturer instructions** •  
Never use neat (undiluted)
- Never mix with bleach, acids, or other cleaning products
- Staff must be trained in correct dilution ratios
- Use measuring devices (not “guessing” or free pouring)

### PPE

- Gloves (mandatory during dilution and use of concentrate)
- Eye protection recommended during dilution
- Aprons recommended for frequent use

## 9. Workplace Exposure Limits (WELs)

- No formal WEL assigned
- Exposure controlled through safe dilution and handling procedures

## 10. First Aid Measures

- **Eyes:** Rinse immediately with water for at least 15 minutes. Seek medical attention if irritation persists
- **Skin:** Remove contaminated clothing. Wash with soap and water
- **Inhalation:** Move to fresh air
- **Ingestion:** Rinse mouth. **Do not induce vomiting. Seek urgent medical advice immediately**

## 11. Fire Safety

- Not classified as highly flammable in diluted form
- Concentrate may be combustible under certain conditions
- Keep away from ignition sources

## 12. Spill / Emergency Procedures

- Contain spill immediately
- Absorb with inert material (paper towels/absorbent pads)
- Rinse area thoroughly with water
- Prevent entry into drains (environmental hazard)

## 13. Storage

- Store in original container with lid tightly closed
- Store upright in cool, dry place
- Keep away from food, acids, bleach, and incompatible chemicals
- Keep out of reach of unauthorised persons

## 14. Environmental Considerations

- Toxic to aquatic life
- Avoid release into drains or waterways
- Use only diluted solutions for cleaning purposes

## 15. Monitoring & Supervision

- Supervisor must ensure:
  - Correct dilution procedures followed
  - No use of undiluted product
  - PPE is worn during handling of concentrate
- Periodic audits of cleaning stations

## 16. Training Requirements

- COSHH training (mandatory)
- Dilution training with competency check
- “Do not mix chemicals” safety training
- Spill response training

## 17. Risk Assessment (Before & After Controls)

Stage Likelihood (1–5) Severity (1–5) Risk Score Before Controls 4 4 16

(High) After Controls 1 3 3 (Low)

## 18. Residual Risk

- Low when correctly diluted and handled with PPE

## 19. Assessment Approval

- Assessed by: Richard Bland
- Signature: \_\_\_\_\_ R Bland \_\_\_\_\_

- **Date:** 08 October 2025