

COSHH RISK ASSESSMENT

Product: Dettol All-In-One Disinfectant Spray

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:** Dettol All-In-One Disinfectant Spray
- **Type:** Aerosol disinfectant spray
- **Use:** Disinfection of hard surfaces, touchpoints, and general sanitisation ●
- Supplier:** Reckitt Benckiser
- **SDS Reference:** Dettol All-In-One Disinfectant Spray SDS

3. Hazard Identification (CLP Classification)

(Based on typical SDS classification)

- Eye Irritation – Category 2
- Flammable Aerosol (depending on formulation)
- Pressurised container hazard

Hazard Statements

- H319: Causes serious eye irritation

- H222/H229 (if applicable): Extremely flammable aerosol / pressurised container may burst if heated

Precautionary Statements

- P210: Keep away from heat, sparks, open flames
- P211: Do not spray on open flame or ignition source
- P251: Do not pierce or burn, even after use
- P305+P351+P338: IF IN EYES: rinse cautiously with water

4. Composition / Hazardous Ingredients

- Alcohol-based disinfecting agents (ethanol or similar solvents)
- Propellant gases (aerosol system)
- Fragrance compounds
- No Workplace Exposure Limits typically assigned for normal use

5. Routes of Exposure

- Inhalation of aerosol mist (primary concern)
- Eye contact
- Skin contact
- Accidental ingestion (rare)

6. Persons at Risk

- Cleaning operatives (primary)
- Occupants in poorly ventilated areas
- Nearby staff during spraying

7. Exposure Assessment

Factor Detail

Frequency Daily use

Duration Short bursts of spraying

Quantity Small aerosol applications

Environment Indoor environments, including enclosed spaces (offices, bathrooms)

8. Control Measures (Hierarchy Applied)

Elimination/Substitution

- Not applicable (required disinfectant aerosol product)

Engineering Controls

- Ensure good ventilation before and during use
- Open windows/doors where possible
- Avoid use in very confined spaces for extended periods

Administrative Controls

- Do not spray continuously into air
- Spray onto surface or cloth where possible instead of airborne application
- Do not use near ignition sources or electrical sparks
- Do not smoke during use

PPE

- Gloves (recommended for frequent use)
- Eye protection (recommended for splash or heavy use situations) •
- Respiratory protection not normally required with adequate ventilation

9. Workplace Exposure Limits (WELs)

- No specific WEL assigned under normal use conditions

10. First Aid Measures

- **Eyes:** Rinse immediately with water for at least 15 minutes. Seek medical advice if irritation persists
- **Skin:** Wash with soap and water
- **Inhalation:** Move to fresh air immediately if dizziness or irritation occurs
- **Ingestion:** Rinse mouth. Seek medical attention

11. Fire Safety

- **Flammable aerosol risk present**
- Keep away from heat, sparks, open flames
- Pressurised container may burst if exposed to high temperatures
- Do not smoke during use

12. Spill / Emergency Procedures

- Ventilate area
- Wipe surfaces if overspray occurs
- Avoid slip hazards
- Dispose of empty cans safely according to waste regulations

13. Storage

- Store in upright position
- Keep below 50°C
- Do not puncture or burn container
- Keep away from heat and direct sunlight

14. Environmental Considerations

- Aerosol propellants may have environmental impact if misused
- Do not release large quantities into confined environments

15. Monitoring & Supervision

- Supervisor checks:
 - Safe aerosol use
 - No spraying near ignition sources
 - Ventilation compliance
 - Correct use technique (controlled application)

16. Training Requirements

- COSHH awareness training
- Aerosol safety training
- Fire safety awareness (flammable products)
- Safe application training (spray vs cloth use)

17. Risk Assessment (Before & After Controls)

Stage Likelihood (1–5) Severity (1–5) Risk Score

Before Controls 3 4 12 (High)

After Controls 1 3 3 (Low)

18. Residual Risk

- Low when ventilation, ignition control, and safe spraying practices are followed

19. Assessment Approval

- **Assessed by:** Richard Bland
 - **Signature:** _____ *R Bland* _____ •
- Date:** 08 October 2025