

COSHH RISK ASSESSMENT

Product: Dettol All-In-One Disinfectant Spray

1. Company Details

- **Company Name:** Happy Homes Cleaning Company Ltd
 - **Assessor:** Richard Bland
 - **Position:** Director
 - **Assessment Date:** 08 October 2025
 - **Review Date:** 08 October 2026
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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
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3. Hazard Identification (CLP Classification)

(Based on typical SDS classification)

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

- H319: Causes serious eye irritation

- H222/H229 (if applicable): Extremely flammable aerosol / pressurised container may burst if heated
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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
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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
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5. Routes of Exposure

- Inhalation of aerosol mist (primary concern)
 - Eye contact
 - Skin contact
 - Accidental ingestion (rare)
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6. Persons at Risk

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

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

- Gloves (recommended for frequent use)
 - Eye protection (recommended for splash or heavy use situations)
 - Respiratory protection not normally required with adequate ventilation
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9. Workplace Exposure Limits (WELs)

- No specific WEL assigned under normal use conditions
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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
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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
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12. Spill / Emergency Procedures

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

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

- Aerosol propellants may have environmental impact if misused
 - Do not release large quantities into confined environments
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15. Monitoring & Supervision

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

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

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