COSHH RISK ASSESSMENT

Product: Mr Muscle Window & Glass Cleaner

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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:** Mr Muscle Window & Glass Cleaner
- **Type:** Aerosol / spray glass cleaner
- **Use:** Cleaning glass, mirrors, and polished surfaces
- **Supplier:** S. C. Johnson Professional
- **SDS Reference:** Mr Muscle Window & Glass Cleaner SDS

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3. Hazard Identification (CLP Classification)

(Based on SDS typical classification)

- Eye Irritation – Category 2
- Aerosol product (pressurised container hazard)
- May contain flammable propellant (depending on formulation)

Hazard Statements

- H319: Causes serious eye irritation
- H229: Pressurised container – may burst if heated (where applicable)

Precautionary Statements

- P210: Keep away from heat/sparks/open flames
- 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

- Contains solvents (often alcohol-based cleaning agents)
- Contains propellants (aerosol gas)
- No Workplace Exposure Limits typically assigned at normal use levels

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5. Routes of Exposure

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

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6. Persons at Risk

- Cleaning operatives
- Other workers nearby during spraying
- Clients in poorly ventilated areas

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7. Exposure Assessment

Factor	Detail
Frequency	Daily use
Duration	Short bursts per task

Quantity	Aerosol spray applications
Environment	Indoor, often enclosed spaces (bathrooms, offices)

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8. Control Measures (Hierarchy Applied)

Elimination/Substitution

- Not applicable (required cleaning product)

Engineering Controls

- Ensure ventilation (open windows/doors where possible)
- Avoid excessive aerosol use in small enclosed spaces

Administrative Controls

- Do not spray continuously into air
- Spray onto cloth where possible instead of directly into environment
- Do not use near ignition sources
- Do not mix with other chemicals

PPE

- Gloves (recommended for repeated use)
- Eye protection (recommended where splash risk exists or heavy use)

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9. Workplace Exposure Limits (WELs)

- No specific WEL applicable under normal use conditions

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10. First Aid Measures

- **Eyes:** Rinse immediately with water for 15 minutes. Seek medical advice if irritation persists
- **Skin:** Wash with soap and water
- **Inhalation:** Move to fresh air if dizziness or irritation occurs
- **Ingestion:** Rinse mouth. Do not induce vomiting. Seek medical attention

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11. Fire Safety

- **Aerosol is potentially flammable depending on formulation**
- Keep away from heat, sparks, open flames
- Do not smoke during use
- Pressurised container hazard if exposed to heat

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12. Spill / Emergency Procedures

- Ventilate area
- Wipe surfaces if overspray occurs
- Avoid slipping hazard on sprayed surfaces
- Dispose of empty cans safely

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13. Storage

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

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14. Environmental Considerations

- Aerosol propellants may contribute to environmental impact if misused
- Do not release large quantities into enclosed drains or environments

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15. Monitoring & Supervision

- Supervisor checks:
  - Safe aerosol use
  - No spraying near ignition sources
  - Correct ventilation practices

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16. Training Requirements

- COSHH awareness training
- Safe aerosol handling training
- Fire safety awareness (flammable aerosols)
- Proper cleaning technique (cloth vs direct spray use)

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17. Risk Assessment (Before & After Controls)

Stage	Likelihood (1–5)	Severity (1–5)	Risk Score
Before Controls	3	3	9 (Medium)
After Controls	1	3	3 (Low)

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18. Residual Risk

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

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19. Assessment Approval

- **Assessed by:** Richard Bland
- **Signature:** _____R Bland_____
- **Date:** 08 October 2025