

# COSHH RISK ASSESSMENT

**Product: Mr Muscle Window & Glass Cleaner**

## 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:** 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

## 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

## 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

## 5. Routes of Exposure

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

## 6. Persons at Risk

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

## 7. Exposure Assessment

### Factor Detail

Frequency Daily use

Duration Short bursts per task

Quantity Aerosol spray applications

Environment Indoor, often enclosed spaces (bathrooms, offices)

## 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)

## 9. Workplace Exposure Limits (WELs)

- No specific WEL applicable under normal use conditions

## 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

## 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

## 12. Spill / Emergency Procedures

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

## 13. Storage

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

## 14. Environmental Considerations

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

## 15. Monitoring & Supervision

- Supervisor checks:
  - Safe aerosol use

- No spraying near ignition sources
- Correct ventilation practices

## 16. Training Requirements

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

## 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)

## 18. Residual Risk

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

## 19. Assessment Approval

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