

COSHH RISK ASSESSMENT

Product: Harpic Power Aroma (Jasmine & Cherry Blossom)

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:** Harpic Power Aroma (Jasmine & Cherry Blossom)
- **Type:** Toilet cleaning liquid (acid-based)
- **Use:** Cleaning, descaling, and disinfecting toilet bowls and sanitary ware
- **Supplier:** Reckitt Benckiser
- **SDS Reference:** Harpic Power Aroma SDS

3. Hazard Identification (CLP Classification)

(Based on typical SDS classification for Harpic-type products)

- Skin Irritation – Category 2
- Eye Damage – Category 1 or Eye Irritation Category 2 (depending on formulation)
- Corrosive to metals (in some formulations)

Hazard Statements

- H314: Causes severe skin burns and eye damage *(if classified corrosive)*
- OR H319: Causes serious eye irritation *(less concentrated variants)*

Critical Risk Warning

 Do NOT mix with bleach or any other cleaning products (toxic gas risk)

4. Composition / Hazardous Ingredients

- Contains hydrochloric acid or other acidic descaling agents (varies by formulation)
- Surfactants and fragrance compounds
- Strong acidic cleaning formulation
- No Workplace Exposure Limits typically assigned for short-term use

5. Routes of Exposure

- Skin contact (high risk during application/splashing)
- Eye contact (very high risk)
- Inhalation of vapours (especially in enclosed bathrooms)
- Accidental ingestion (serious risk if undiluted exposure occurs)

6. Persons at Risk

- Cleaning operatives (primary risk group)
- Other staff entering washrooms
- Members of public (after cleaning if residue remains)

7. Exposure Assessment

Factor Detail

Frequency Daily use in washroom cleaning

Duration Short but high-intensity exposure risk

Quantity Small amounts applied directly to toilet bowl

Environment Confined bathroom environments (low ventilation, high humidity)

8. Control Measures (Hierarchy Applied)

Elimination/Substitution

- Not applicable (required for descaling and toilet sanitation)

Engineering Controls

- Ensure ventilation (open windows/doors)
- Use extractor fans in enclosed toilets
- Keep toilet lid down when applying product (reduces splash/aerosol exposure)

Administrative Controls (CRITICAL)

- **NEVER mix with bleach or other cleaning products (chlorine gas risk)**
- Apply carefully inside toilet bowl only
- Avoid splashing during application and scrubbing
- Follow manufacturer dosage and application instructions
- Train staff on chemical incompatibility risks

PPE (MANDATORY)

- Chemical-resistant gloves (required)
- Eye protection (strongly recommended during use)
- Apron recommended for frequent use

9. Workplace Exposure Limits (WELs)

- No specific WEL assigned for short-term cleaning use

10. First Aid Measures

- **Eyes:** Immediately rinse with water for at least 15–20 minutes. Seek urgent medical attention
- **Skin:** Remove contaminated clothing immediately. Wash skin with soap and water
- **Inhalation:** Move to fresh air immediately
- **Ingestion:** Rinse mouth. **Do NOT induce vomiting. Seek emergency medical attention immediately**

11. Fire Safety

- Not typically flammable
- Some formulations may react with metals or other chemicals
- Keep away from incompatible substances

12. Spill / Emergency Procedures

- Wear PPE before handling spill
- Contain with absorbent material
- Neutralise and clean with water carefully
- Ensure good ventilation
- Prevent entry into drains in large quantities

13. Storage

- Store in original container only
- Keep tightly closed
- Store upright in cool, ventilated area
- **Keep strictly away from bleach, ammonia, and other cleaning chemicals**
- Store out of reach of unauthorised persons

14. Environmental Considerations

- Harmful to aquatic life in concentrated form

- Avoid uncontrolled discharge into drainage systems
- Use only as directed and in small controlled quantities

15. Monitoring & Supervision

- Supervisor checks:
 - PPE use at all times
 - No chemical mixing in washrooms
 - Controlled application technique
 - Staff understanding of acid/bleach reaction risk

16. Training Requirements

- COSHH training (mandatory)
- Chemical incompatibility training (critical emphasis on bleach mixing hazard)
- PPE training
- Toilet cleaning safe procedure training

17. Risk Assessment (Before & After Controls)

Stage Likelihood (1–5) Severity (1–5) Risk Score Before Controls 4 5 20

(Very High) After Controls 1 4 4 (Low–Medium)

18. Residual Risk

- **Controlled but remains higher risk than general cleaning chemicals due to corrosive nature**

19. Assessment Approval

- **Assessed by:** Richard Bland

- **Signature:** _____ *R Bland* _____
- **Date:** 08 October 2025