

COSHH Assessment – WD-40 Specialist Cutting Oil

1. Substance Identification

- **Product Name:** WD-40 Specialist Cutting Oil
- **Supplier:** WD-40 Company
- **Use:** Reduces heat and friction during metal cutting and drilling
- **Form:** Liquid (available as aerosol or bulk liquid)

2. Hazards

- **Classification:**
 - Flammable liquid and vapour (if aerosol)
 - May cause skin irritation
 - May cause eye irritation
 - Harmful to aquatic life with long-lasting effects
- **Label Pictograms:** ⚠ Exclamation mark (if applicable)
- **Hazard Statements:**
 - H226: Flammable liquid and vapour (if applicable)
 - H315: Causes skin irritation
 - H319: Causes serious eye irritation
 - H412: Harmful to aquatic life with long-lasting effects

3. Use of Substance

- **Task:** Lubricating and cooling during cutting, drilling, or machining of metal
- **Frequency:** As required
- **Quantity Used:** Small to moderate amounts
- **Environment:** Workshops, fabrication bays, and other metalworking environments

4. Who May Be Exposed

- Maintenance staff
- Volunteers

5. Control Measures

- **Engineering Controls:**
 - Use in well-ventilated areas or with LEV (local exhaust ventilation)
- **PPE Requirements:**
 - Nitrile or chemical-resistant gloves
 - Safety glasses or face shield
 - Protective overalls
- **Safe Work Practices:**
 - Avoid prolonged skin contact
 - Do not spray near open flames
 - Clean up spills promptly
 - Wash hands after use

6. First Aid Measures

- **Inhalation:** Move to fresh air. Seek medical help if symptoms persist.
- **Skin Contact:** Wash with soap and water. Remove contaminated clothing.
- **Eye Contact:** Rinse with clean water for at least 10 minutes. Seek medical advice if irritation continues.
- **Ingestion:** Rinse mouth. Do not induce vomiting. Seek medical attention.

7. Spill and Disposal Procedures

- **Spill:** Absorb with sand or inert material. Clean thoroughly.
- **Disposal:** Dispose of as hazardous waste via licensed contractor in accordance with local regulations.

8. Storage

- Store in a cool, dry, well-ventilated area
- Keep containers tightly closed
- Keep aerosols away from temperatures >50°C or sources of ignition

9. Health Surveillance

- Not required under normal conditions of use.
- Monitor frequent users for signs of dermatitis or skin irritation.

10. Assessment Completed By

Name: Neil Wheeler

Position H&S Advisor

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The latest version can be viewed here

