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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **COSHH Assessment – WD40** | | | | | | |
| **Substances used:** | | WD40 | | | | | | |
| **Manufacturer and emergency telephone number** | | WD40 Company Ltd UK, PO Box 440, Kiln Farm, Milton Keynes, MK11 3LF  Tel: 01908 555400  Emergency TEL: +49 (0)700 24 112 112 | | | | | | |
| Location of process/activity being carried out? | |  | | | | | | |
| Identify the persons at risk: | | | Employees  X  *(including trainees)* | | | | Contractors  X | Public |
| Describe the activity or work process.  *(Include how long and how often this is carried out and the quantity of substance used.* | | |  | | | | | |
| Classification *under CHIP/CLP* | | | | | | | | |
| |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | corrosive | environmental | explosive | flammable | human-health | irritant | oxidizing | toxic | gas-bottles | | **Corrosive** | **Environment**  **Hazard** | **Explosive** | **Flammable** | **Long Term Hazard** | **Harmful/ irritant** | **Oxidising** | **Toxic** | **Pressurised**  **Container** | |  |  |  |  |  |  |  |  |  | | | | | | | | | |
| **Hazard Type** | | | | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **Gas** | **Vapour** | **Mist** | **Fume** | **Dust** | **Liquid** | **Solid** | **Other** | |  |  |  |  |  |  |  |  | | | | | | | | | |
| **Route of Exposure** | | | | | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | **Inhalation** | **Absorption** | **Ingestion** | **Injection** | |  |  |  |  | | | | | | | | | |
| **Workplace Exposure Limits** (WELs) *please indicate n/a where not applicable* | | | | | | | | |
| Long-term exposure level (8hrTWA):  Carbon Dioxide: TWA – 5000ppm / 9150  Oil mist, mineral: TWA – 5mg/m3 | | | | | | Short-term exposure level (15 mins):  Carbon Dioxide: STEL – 15,000ppm / 27,400 mg/m3  Oil mist, mineral: STEL – 10mg/m3 | | |
| **State the Risks to Health from Identified Hazards** | | | | | | | | |
| **General:** Vapours may cause drowsiness and dizziness. Formation of explosive mixtures is possible without adequate ventilation. Danger of bursting when exposed to heat. Hydrocarbons can be harmful to water.  **Skin:** Repeated exposure may cause skin dryness or cracking  **Inhalation:** Vapours may cause lung irritation  **Ingestion:** Maybe harmful if ingested  **Fire:** Foam, CO2, powder. Cool container at risk with water. | | | | | | | | |
| **Control Measures:** *(for example extraction, ventilation, training, supervision). Take account of those substances that are produced from activities undertaken by another employer’s employees.* | | | | | | | | |
| **Skin:** Avoid contact with the skin  **Inhalation:** Use in well ventilated area.  **Ingestion:** May be harmful if ingested. (Ingestion unlikely)  **Fire:** Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition – No smoking. | | | | | | | | |
| **Personal Protective Equipment** | | | | | | | | |
|  | Tightly sealed chemical goggles | | | |  | | Neoprene gloves/Acid resistant gloves if skin contact is likely. | |
|  | Use respiratory protection if used in poor ventilation | | | |  | | May cause skin sensitivity or dermatitis. | |
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|  |  | | | |  | |  | |
| **First Aid Measures** | | | | | | | | |
| **General:** Supply person with fresh air. Remove person from danger area. For respiratory arrest, artificial respiration apparatus may be necessary.  **Skin contact:** Remove contaminated clothing immediately, wash thoroughly with plenty of water and soap. In case of irritation of the skin consult a medical professional.  **Eye contact:** Remove contact lenses. Wash thoroughly for several minutes using copious water. Seek medical help if necessary.  **Ingestion:** Rinse mouth thoroughly with water. Contact a doctor immediately. Do not induce vomiting. Danger of aspiration.  **Inhalation:** Seek medical advice**.** | | | | | | | | |
| **Storage & Handling** | | | | | | | | |
| **Handling:** Ensure good ventilation. Keep away from sources of ignition. Do not use on hot surfaces. Observe directions on label and instructions for use. Use according to manufacturer guidelines. Take measures against electrostatic charge if appropriate. Wash hands before and after use. Keep away from food and drink. Remove contaminated clothing and protective equipment before entering areas in which food is consumed.  **Storage:** Keep out of access to unauthorised individuals. Not to be stored in gangways or stair wells. Keep protected from sunlight and temperatures over 50C. Store in a cool, dry, well-ventilated place. | | | | | | | | |
| **Disposal of Substances & Contaminated Containers** | | | | | | | | |
| Dispose according to local regulations | | | | | | | | |
| ***Note:*** *Annual Health surveillance is carried out by an occupational health practitioner as part of GEA Pharma Systems procedures.*  **This assessment must be shown to all operatives working with this substance** | | | | | | | | |
| Is exposure adequately controlled? | | | | **X**  YesNo | | | | |
| **Risk Rating Following Control Measures** | | | | | | | | |
| |  |  |  | | --- | --- | --- | | **High** | **Medium** | **Low** | | | | | | | | | |