


COSHH RISK ASSESSMENT
WD-40 Multi-Use (non-aerosol)
(WD-40 Company Limited)
Ref: RA247-19

Assessment Date: 17 September 2019

Assessed by: Mark Needham

Position: External H&S Advisor

Recommended review Date: September 2020

CHEMICAL AGENTS / HAZARDOUS COMPONENT	PHYSICAL STATE	WORKPLACE EXPOSURE LIMIT (WEL) TWA Time weighted average	HAZARDOUS INFORMATION	ROUTES OF ENTRY	MOST CURRENT SAFETY DATA SHEET
<p>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics</p> <p>EINECS, ELINCS, NLP 919-857-5</p>	<p>Physical form: Liquid</p> <p>Colour: Amber</p> <p>Odour: Characteristic</p> <p>Flash point: 47°C</p>	<p>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics: 800mg/m³</p>	<p>H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H336 May cause drowsiness or dizziness.</p> 	<p>INHALATION May cause headaches, nausea, dizziness, irritation of the respiratory tract. INGESTION May cause nausea, vomiting, diarrhoea, chemical pneumonitis. Danger of aspiration. SKIN CONTACT May cause dermatitis (skin inflammation). EYE CONTACT There may be irritation to the eyes.</p>	7/3/17
WORK ACTIVITY	FREQUENCY AND DURATION OF USE	PERSONS EXPOSED	CONTROL MEASURES CURRENTLY IN PLACE	CURRENT RISK FACTOR (Likelihood x Severity)	
<p>1. Delivery from supplier</p> <p>2. Transfer to depot storage / Transfer to/from engineer's vehicle</p> <p>3. Spillage</p>	<p>Fortnightly / up to 10mins</p> <p>Daily / up to 10mins</p> <p>Unknown</p>	<p>Warehouse employee(s) Delivery driver(s)</p> <p>Warehouse employee(s) Engineers</p> <p>Warehouse employee(s) Engineers Persons passing through spillage area</p>	<p>1, 2, 4, 5 & 6 Product is kept in original sealed dispensing containers fit for the purpose, and clearly labelled. Engineers are required to make sure the cap or trigger is well sealed or in the OFF position after each application.</p> <p>2 & 4 Product to be kept stored in cool, well-ventilated, dry conditions, and engineers are to ensure product is protected from direct sunlight and not exposed to ignition or heat sources.</p>	<p>Likelihood x Severity score: 4 – LOW 2x2 (Unlikely / Slight)</p> <p>Likelihood x Severity score: 3 – LOW 1x3 (Rare / Moderate)</p>	

WORK ACTIVITY	FREQUENCY AND DURATION OF USE	PERSONS EXPOSED	CONTROL MEASURES CURRENTLY IN PLACE	CURRENT RISK FACTOR (Likelihood x Severity)
4. Storage in Company vehicles	Daily / Up to 8 hours	Engineer(s) Persons close to exposure area	1, 2, 3, 4, 5, 6 & 7. All leaks will be stopped when possible and spillages cleared immediately or as soon as possible using absorbent material (such as sand, earth) and placed into suitable waste containers. Engineers are required to prevent surface and ground-water infiltration, as well as ground penetration.	Likelihood x Severity score: 6 – MEDIUM 3x2 (Possible / Slight)
5. Transfer to work area	Daily / Up to 10mins	Engineer(s) Persons in work area vicinity Persons along travel route	1, 2, 3, 4, 5 & 6. Engineers are to ensure suitable first aid and eye wash facilities are readily available in the event of accident or incident.	Likelihood x Severity score: 2 – LOW 2x1 (Unlikely/Not significant)
6. General lubrication and maintenance	Daily / amount of use fluctuates	Engineer(s) Persons passing through application area Persons close to exposure area	2, 4 & 6. Product is to be kept away from ignition sources and must only be used where there is adequate fresh air ventilation in the application area (especially in confined areas). Smoking is strictly FORBIDDEN. Do NOT carry cleaning cloths soaked in product in trouser pockets.	Likelihood x Severity score: 4 – LOW 2x2 (Unlikely / Slight)
7. Housekeeping procedure / disposal of used container	Daily	Engineer(s) Waste site personnel Persons passing through waste disposal area	6. Drinking and eating is prohibited in the application area. Any contaminated clothing and PPE must be removed before entering areas in which food is consumed. 2, 4, 5 & 6 Engineers are STRICTLY FORBIDDEN to leave this product unattended, particularly if children are present. It MUST be kept tightly closed in safe secure storage at ALL times when not in use. 6. PPE (long sleeve protective clothing (anti-static when appropriate), safety footwear, protective nitrile gloves to EN374, eye protection to EN166) is readily available and is to be used in accordance with Company policy, supplier safety data sheet and current health and safety legislation. While not mandatory, RPE (FFP3 face mask) is advisable if the general level of use exceeds the recommended WEL (listed above). Any PPE/RPE is to be clean and intact prior to use.	Likelihood x Severity score: 2 – LOW 1x2 (Rare / Slight) Likelihood x Severity score: 6 – MEDIUM 2x3 (Unlikely / Moderate) Likelihood x Severity score: 3 – LOW 1x3 (Rare / Moderate)

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			<p>6. Vehicle on-board dispensing units provide adequate dry-wash sanitizing and cleansing agents. Barrier cream is available to help protect any exposed areas of the skin.</p> <p>3 & 6. Engineers are required to self-check for any signs of contact dermatitis or other allergic reaction, such as skin irritation/eczema, when using this product. Any respiratory reaction such as asthma must be reported IMMEDIATELY. Any person who is susceptible to allergic reactions should not handle this product.</p> <p>4 & 6. Prior to product use, suitable fire-fighting equipment which is appropriate to the surrounding fire conditions should be made readily available. Suitable extinguishing media for this product: BC powder, carbon dioxide or AFFF foam.</p> <p>7. Any empty container shall be disposed of safely and to the benevolence of the environment. Product must be disposed of at a regulated (licenced) waste site.</p> <p>1, 2, 3, 4, 5, 6 & 7 Engineers are given clear instruction supported by information in the product's safe handling, use, storage and waste disposal. Engineers are informed of the risks from the hazards they could be exposed to, the importance of health surveillance (including self-checks), and the measures in place to protect them from those hazards (e.g. the availability of PPE).</p> <p>Engineers shall take regular breaks from using this product.</p>	<p>Likelihood x Severity score: 2 – LOW 1x2 (Rare / Slight)</p> <p>Likelihood x Severity score: 6 – MEDIUM 3x2 (Possible / Slight)</p> <p>Likelihood x Severity score: 3 – LOW 1x3 (Rare / Moderate)</p> <p>Likelihood x Severity score: 1 – LOW 1x1 (Rare / Not significant)</p> <p>Likelihood x Severity score: 4 – LOW 2x2 (Unlikely / Slight)</p>

FIRST AID MEASURES

Inhalation: Remove person from danger area to fresh air. Consult doctor according to symptoms. If the person is unconscious, place in a stable side position and consult a doctor. Respiratory arrest – Artificial respiration apparatus necessary.

Skin contact: Remove polluted clothing immediately. Wash thoroughly with plenty of water and soap. In case of irritation of the skin (flare), consult a doctor.

Eye contact: Remove contact lenses. Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

Ingestion: Rinse the mouth thoroughly with water. Consult doctor immediately (keep Data Sheet available). Do not induce vomiting (in case of vomiting, keep head low so that the stomach content does not reach the lungs). Danger of aspiration.

Revision(s) made	Date actioned	Name of person making changes

<i>COSHH RISK ASSESSMENT:</i>			<i>WD-40 Multi-Use (non-aerosol)</i>		
<i>Completed by:</i>	Mark Needham	<i>Signature:</i>	XXXXXXXXXXXXXXXXXX	<i>Date:</i>	17 September 2019

Previous versions: RA080-16(rev2) 24.9.18; RA080-16(rev1) 8.9.17; RA080 31.10.16