|  |  |
| --- | --- |
| **Surface Cleaner** | |
| **Activity** | Cleaning |
| **How substance will be used** | Spray on and wipe off |
| **Area of use** | Site (various) |
| **Person supervising work** | Anthony Rose |
| **Accepted and approved by** | Anthony Rose |
| **Signature** |  |
| **Role** | Director |
| **Date** | 4/1/23 |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Hazard Identification**  Please denote the properties of the substances used in the task (mark X as appropriate) | | | | | | | | | | |
| skull_web | **Toxic** | exclam_web | | **Irritant**  **X** | flamm_web | **Flammable**  **X** | | acid_web | | **Corrosive** |
| silhouete_web | **Sensitising**  **X** | explos_web | | **Explosive** | bottle_web | **Compressed Gas** | | Dead%20Fishy_web | | **Environmental Damage**  **X** |
| exclam_web | **Harmful** | rondflam_web(1) | | **Oxidizing** |  |  | |  | |  |
|  | | | | | | | | | | |
| **Substance(s) used in the task** | | | **Nature of hazard(s) associated with substance** | | | | **Route of**  **entry** | | **WEL** | |
| Propan-2-ol 50 – 75%  d-Limonene 1 – 5%  2-Butoxyethanol 1 – 5% | | | Flammable liquid  Causes serious eye irritation  Can cause skin sensitization  Vapours may cause drowsiness and dizziness  Hazardous to the aquatic environment | | | | Eyes  Mouth  Throat  Skin | | Maintain  minimal exposure at point of use. | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Persons Exposed** | | | | | | | | | | | | | |
| Employees | Other workers | | | | Public / visitors | | | Young persons | | | | Total persons at risk | |
| **1+** | **0** | | | | **0** | | | **0** | | | | **1+** | |
| **Risk Matrix** | | | | | | | | | | | | | |
| Risk = Likelihood x Severity | | | | | | | | | | | | | |
| Low | | | | Medium | | | | | | High | | | |
|  | | | | | | | | | | | | | |
| **Initial risk rating without controls in place** | | | | | | | | | | | | | |
| **Hazard** | | | **Likelihood** | | | | **Severity** | | | | **Risk level** | | |
| **Skin: irritation** | | | 4 | | | | 4 | | | | 16 | | |
| **Eye contact** | | | 3 | | | | 4 | | | | 12 | | |
| **Ingestion** | | | 2 | | | | 4 | | | | 8 | | |
| **Inhalation** | | | 3 | | | | 4 | | | | 12 | | |
| **Controls** | | | | | | | | | | | | | |
| **Skin: irritation** | | | Wear protective clothing (overalls or suit) and boots in accordance with EN 365 / 367. Suitable material; nitril. Gloves to EN 374. Wash hands after use. | | | | | | | | | | |
| **Eye contact** | | | Wear appropriate safety glasses with side shields, accordance with EN 166.  Wash hands after use. | | | | | | | | | | |
| **Ingestion** | | | Keep away from the mouth.  Wear gloves - wash hands after use. | | | | | | | | | | |
| **Inhalation** | | | Do not breath in directly. Use in adequate ventilation.  When required when facemask in accordance with EN 140. | | | | | | | | | | |
| **Risk rating with controls in place** | | | | | | | | | | | | | |
| **Hazard** | | | **Likelihood** | | | **Severity** | | | **Residual risk** | | | | **Acceptable** |
| **Skin: irritation** | | | 1 | | | 4 | | | 4 | | | | Yes |
| **Eye contact** | | | 1 | | | 4 | | | 4 | | | | Yes |
| **Ingestion** | | | 1 | | | 4 | | | 4 | | | | Yes |
| **Inhalation** | | | 1 | | | 4 | | | 4 | | | | Yes |
| **First aid requirements** | | | | | | | | | | | | | |
| **Exposure via** | | **First aid treatment** | | | | | | | | | | | |
| **Inhalation** | | * Move affected person to fresh air. * Seek medical assistance. | | | | | | | | | | | |
| **Ingestion** | | * Rinse mouth and give patient water to drink. * Do not induce vomiting. * Never give anything by mouth to an unconscious person. * Seek medical assistance. | | | | | | | | | | | |
| **Skin contact** | | * Remove contaminated clothing. * Wash off skin with plenty of water and soap before product dries up. * Seek medical assistance. | | | | | | | | | | | |
| **Eye contact** | | * Wash out eyes including under both eyelids with lukewarm water for at least 15 minutes. * Remove contact lenses. * Seek medical assistance. | | | | | | | | | | | |

|  |  |
| --- | --- |
| **Emergency and disposal**  Detail the requirements to deal with accidental release and disposal of the substance. | |
| **Accidental release** | * Clean up spills immediately. * Contain with inert dry absorbent such as, sand or saw dust. * Wash away remainder with plenty of water and soap. |
| **Disposal** | * Do not dispose empty pack with waste produced by households. * Containers may be recycled. * Treat product residues and non-empty pack as hazardous waste. * Disposal should be in accordance with applicable regional, national and local laws and regulations. * Wash area of spillage with water and detergent. |
| **Fire fighting** | * Suitable extinguishing media include; CO2, alcohol resistant foam, dry chemical and water fog. * Do not use water jet extinguisher. * Carbon monoxide may be evolved if incomplete combustion occurs. * Wear self-contained breathing apparatus. * Wear protective clothing to prevent contact with skin and eyes. |