



Biomakespace COSHH Assessment

Important: Please complete this after reading the [BMS15 Chemical Safety Policy](#) and any other [relevant safety policies](#).

Chemical <i>Or biological agent</i>	Chemical risk and hazard categories (R-phrases) Hazard and Work Place Exposure Limits (WEL)
SpotON Flow Cell (R9.5) (Toxic component: Potassium ferrocyanide;)	Not Classified H412 Harmful to aquatic life with long lasting effects.
Control Measures [<i>Fume Cupboard, glove box, safety cabinet, local exhaust ventilation</i>] N/A	
Flammables and explosives <i>Is there a substance used or formed that might give rise to a fire or explosion?</i> No <i>If yes, list control measures.</i> <i>A more detailed risk assessment will be required if the lower explosive limit is reached during leak or spillage.</i>	
Personal Protective Equipment [<i>Lab coat/overalls, gloves, eye/hearing/respiratory protection</i>] Prevention: P280 Wear protective gloves/ protective clothing/eye protection/ face protection. EUH032 Contact with acids liberates very toxic gas.	
Monitoring [<i>Chemical, gas, oxygen depletion etc.</i>] N/A	

<p>Health surveillance required [<i>E.g. Carcinogen, mutagen, toxic to reproduction, sensitizer</i>]</p> <p>N/A</p>
<p>Storage</p> <p>Keep container tightly closed in a dry and well-ventilated place.</p>
<p>Waste disposal [<i>Contractor, chlorinated, non-chlorinated, non-hazardous aqueous, general waste</i>]</p> <p>Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste packaging should be collected for reuse or recycling. Incineration or landfill should only be considered when recycling is not feasible. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of the local water authority.</p>
<p>Emergency Procedure</p> <p>N/A</p>
<p>First Aid</p> <p>General information: None of the components are considered to be a significant hazard due to their small quantity. Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.</p> <p>Inhalation: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt.</p> <p>Ingestion: Rinse mouth thoroughly with water. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person.</p> <p>Skin contact: Remove affected person from source of contamination. Rinse immediately with plenty of water.</p> <p>Eye contact: Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes.</p> <p>Protection of first aiders: First aid personnel should wear appropriate protective equipment during any rescue.</p>
<p>Out of hours/lone working (any specific risks)</p> <p>N/A</p>

<p>Assessment Summary</p> <p>Provided the protective measures detailed in this COSHH are followed, the risk when using this reagent is low.</p>
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