



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) |
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| Ligation Sequencing Kit SQK-LSK109 | NC Not Classified |
| 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. | |
| Monitoring [<i>Chemical, gas, oxygen depletion etc.</i>] N/A | |
| Health surveillance required [<i>E.g. Carcinogen, mutagen, toxic to reproduction, sensitizer</i>] N/A | |

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| <p>Storage</p> <p>Store away from incompatible materials (see Section 10). Store in accordance with local regulations. Protect from sunlight. Store at temperatures not exceeding 4°C.</p> |
| <p>Waste disposal [<i>Contractor, chlorinated, non-chlorinated, non-hazardous aqueous, general waste</i>]</p> <p>General information: The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.</p> <p>Disposal methods: 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> |

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| <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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