



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)
Blunt/TA Ligase Master Mix	May cause adverse kidney 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>] 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	
Storage Handle in accordance with good industrial hygiene and safety practice.	
Waste disposal [<i>Contractor, chlorinated, non-chlorinated, non-hazardous aqueous, general waste</i>] Keep out of drains, sewers, ditches and waterways.	

Disposal considerations: Use a licensed professional waste disposal service to dispose of this product. Product may be dissolved in a combustible solvent or absorbed onto a combustible material and burned by a chemical incinerator.

Contaminated packaging: Empty containers must be tripled rinsed prior to disposal.

Emergency Procedure

N/A

First Aid

General Advice: immediate medical attention is required. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove from exposure, lie down. Do not breathe dust/fume/gas/mist/vapors/spray.

Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin contact: Wash skin with soap and water.

Inhalation: Remove to fresh air.

Ingestion: Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed:

Acute toxicity

Inhalation: May be harmful if inhaled.

Eyes: Redness. May cause slight irritation.

Skin: Prolonged contact may cause redness and irritation. Repeated exposure may cause skin dryness or cracking.

Ingestion: May cause drowsiness or dizziness. Ingestion causes burns of the upper digestive and respiratory tracts. Symptoms include burning sensation, coughing, wheezing, shortness of breath, headache, nausea, and vomiting

Out of hours/lone working (any specific risks)

N/A

Assessment Summary

The product contains no substances which at their given concentration, are considered to be hazardous to health.