**MATERIAL SAFETY DATA SHEET**

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**GeneLock Enviromental™**

MSDS Rev: Original Effective 02 September 2009

US Patent#s 6,458,546, 7,569,342 Other Patents Pending

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| 1. Identification of Substance |

Product Name:Catalogue Number:Manufacturer:Sierra Molecular Corporation21109-C Longeway RoadSonora, CA 95730 USAeMail: info@sierramolecular.comTelephone: +1 209 536 8886Telefax: +1 209 536 0853Information Department: Technical ServiceseMail: info@sierramolecular.comTelephone: +1 209 536 8886 Telefax: +1 209 536 0853Emergency Information:Sierra Molecular CorporationTelephone: +1 209 536 8886 |

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| 2. Composition/Data on Components |

Chemical Characterization:Description: Dangerous Components: |

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| 3. Hazards Identification |

Hazard description: Not applicable.Information pertaining to particular dangers for man and environment: Not applicable.Classification system (according to the latest editions of international substances lists):NFPA ratings (scale 0 - 4)Health = 0Fire = 0Reactivity = 0WHMIS-ratings (scale 0 - 4)Health = 0Fire = 0Reactivity = 0 |

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| 4. First Aid Measures |

After inhalation: No special measures required.After eye contact: Flush eyes with water.After skin contact: Rinse skin with water.After swallowing: No special measures required. |

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| 5. Fire Fighting Measures |

Suitable extinguishing agents: CO2, extinguishing powder, water.Protective equipment: Do not inhale products of combustion. |

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| 6. Accidental Release Measures |

Person-related safety precautions: No special measures required.Measures for environmental protection: No special measures required.Measures for cleaning/collecting: Absorb liquid and discard. No special measures required.Additional information: None. |

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| 7. Handling and Storage |

Handling:Information for safe handling: Keep receptacles tightly sealed.Information about protection against explosions and fires: No special measures required.Storage:Requirements to be met by storerooms and receptacles: No special requirements.Information about storage in one common storage facility: Not required.Further information about storage conditions: None. |

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| 8. Exposure Controls and Personal Protection |

Airborne Exposure Limits: Not applicable.Ventilation System: No special measures required.Skin Protection: No special measures required.Eye Protection: No special measures required. |

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| 9. Physical and Chemical Properties |

General Information:Form: FluidColor: ColorlessOdor: OdorlessChange in condition:Melting point/Melting range: Approximately 0º C (32º F).Boiling point/Boiling range: Approximately 100º C (212º F).Flash point: Not applicable.Auto-ignition: Product is not self-igniting.Danger of explosion: Product does not present an explosion hazard.Density at 20°C (68°F): 1.171 g/cm³Solubility in / miscibility with water: Fully miscible.pH-value at 20°C (68°F): 7.3 |

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| 10. Accidental Release Measures |

Person-related safety precautions: No special measures required.Measures for environmental protection: No special measures required.Measures for cleaning/collecting: Absorb liquid and discard. No special measures required.Additional information: None. |

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| 11. Handling and Storage |

Handling:Information for safe handling: Keep receptacles tightly sealed.Information about protection against explosions and fires: No special measures required.Storage:Requirements to be met by storerooms and receptacles: No special requirements.Information about storage in one common storage facility: Not required.Further information about storage conditions: None. |

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| 12. Exposure Controls and Personal Protection |

Airborne Exposure Limits: Not applicable.Ventilation System: No special measures required.Skin Protection: No special measures required.Eye Protection: No special measures required. |

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| 13. Physical and Chemical Properties |

General Information:Form: FluidColor: ColorlessOdor: OdorlessChange in condition:Melting point/Melting range: Approximately 0º C (32º F).Boiling point/Boiling range: Approximately 100º C (212º F).Flash point: Not applicable.Auto-ignition: Product is not self-igniting.Danger of explosion: Product does not present an explosion hazard.Density at 20°C (68°F): 1.171 g/cm³Solubility in / miscibility with water: Fully miscible.pH-value at 20°C (68°F): 7.3 |

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| 14. Accidental Release Measures |

Person-related safety precautions: No special measures required.Measures for environmental protection: No special measures required.Measures for cleaning/collecting: Absorb liquid and discard. No special measures required.Additional information: None. |

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| 15. Handling and Storage |

Handling:Information for safe handling: Keep receptacles tightly sealed.Information about protection against explosions and fires: No special measures required.Storage:Requirements to be met by storerooms and receptacles: No special requirements.Information about storage in one common storage facility: Not required.Further information about storage conditions: None. |

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| 16. Exposure Controls and Personal Protection |

Airborne Exposure Limits: Not applicable.Ventilation System: No special measures required.Skin Protection: No special measures required.Eye Protection: No special measures required. |