



860 Centennial Ave
Piscataway
NJ 08854, USA

Material Safety Data Sheet

| | |
|-----------------|----------------------|
| Technical phone | 732-885-9188 ext 127 |
| Emergency phone | 732-885-9188 ext 111 |
| Fax | 732-210-0262 |
| Email | info@genscript.com |
| Date updated | 02/28/2008 |

Section 1-Product information

| | |
|------------------|---|
| Product name | 10X Wash Solution For One-Step Western Kits |
| Product Cat. No. | MB01011 |

Section 2-Composition / information on ingredients

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| Substance/Preparation | Preparation |
| Ingredient Name | 10X Wash Solution For One-Step Western Kits |
| CAS No. | 9048-46-8 |

Section 3- Hazards identification

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|--------------------------|---|-----|
| Emergency Overview | | |
| OSHA Hazards | No OSHA Hazards | |
| HMIS Classification | | |
| Dangerous Components | BSA | PBS |
| Health Hazard | 1 | 0 |
| Flammability | 0 | |
| Physical hazards | 0 | |
| NFPA Rating | | |
| Health Hazard | 0 | |
| Fire | 0 | |
| Reactivity Hazard | 0 | |
| Potential Health Effects | | |
| Inhalation | May be harmful if inhaled. May cause respiratory tract irritation. Call a physician. | |
| Skin | May be harmful if absorbed through skin. May cause skin irritation. Call a physician. | |
| Eyes | May cause eye irritation. Call a physician. | |
| Ingestion | May be harmful if swallowed. Call a physician. | |

Section 4- First-aid measures

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|-------------------------|---|
| If Inhaled | If breathed in, move person into fresh air. If not breathing give artificial respiration. |
| In Case of Skin Contact | Wash off with soap and plenty of water. |
| In Case of Eye Contact | Flush eyes with water as a precaution. |
| If Swallowed | Never give anything by mouth to an unconscious person. Rinse mouth with water. |

Section 5- Fire-fighting measures

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| Flammable Properties | |
| Flash Point | Not applicable |
| Ignition Temperature | Not available |
| Suitable Extinguishing Media | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Special Protective Equipment For Fire-Fighters | Wear self contained breathing apparatus for fire fighting if necessary. |

Section 6- Accidental release measures

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|----------------------|-----------------------|
| Personal Precautions | Avoid dust formation. |
|----------------------|-----------------------|

860 Centennial Ave., Piscataway, NJ 08854, USA

Toll-free Tel: 1-877-436-7274

Fax: 1-732-210-0262

Email: product@genscript.com

Web: www.genscript.com

Environmental Precautions
 Methods for Cleaning Up

 Do not let product enter drains.
 Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7-Handling and storage

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|-------------------------------|--|--|
| Dangerous Components Handling | BSA Provide appropriate exhaust ventilation at places where dust is formed. | PBS User Exposure: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. |
| Storage | Keep container tightly closed in a dry and well-ventilated place. Keep in a dry place. | |

Section 8-Exposure controls/personal protection

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| Personal protective equipment Respiratory protection | Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). | |
| Hand protection | For prolonged or repeated contact use protective gloves. | |
| Eye protection | Safety glasses | |
| Hygiene measures | General industrial hygiene practice | |

Section 9- Physical and chemical properties

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|-----------------------|---------------------------|---------------|
| Appearance | | |
| Form | Liquid | |
| Color | Transparent | |
| Safety Data | | |
| Ph | Not available | |
| Melting Point | Not available | |
| Boiling Point | Not available | |
| Flash Point | Not applicable | |
| Ignition Temperature | Not available | |
| Lower Explosion Limit | Not available | |
| Upper Explosion Limit | Not available | |
| Dangerous Components | BSA | PBS |
| Water Solubility | Soluble. Slightly soluble | Not available |
| BP/BP Range | Not available | |
| MP/MP Range | Not available | |
| Freezing Point | Not available | |
| Vapor Pressure | Not available | |
| Vapor Density | Not available | |
| Saturated Vapor Conc. | Not available | |
| SG/Density | Not available | |
| Bulk Density | Not available | |
| Odor Threshold | Not available | |
| Volatile% | Not available | |
| VOC Content | Not available | |
| Water Content | Not available | |
| Solvent Content | Not available | |
| Evaporation Rate | Not available | |
| Viscosity | Not available | |
| Surface Tension | Not available | |
| Partition Coefficient | Not available | |
| Decomposition Temp | Not available | |
| Flammability | Not available | |
| Autoignition Temp | Not available | |

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|--------------------|---------------|
| Refractive Index | Not available |
| Optical Rotation | Not available |
| Miscellaneous Data | Not available |

Section 10- Stability and reactivity

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| Storage Stability | Stable under recommended storage conditions | |
| Materials to Avoid | Strong oxidizing agents | |
| Dangerous Components | BSA | PBS |
| Hazardous Decomposition Products | Hazardous decomposition products formed under fire conditions. Carbon oxides, nitrogen oxides (NOx) | Nature of decomposition products not known |
| Hazardous Polymerization | | Will not occur |

Section 11- Toxicological information

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|--------------------------|------------------------|--|
| Dangerous Components | BSA | PBS |
| Acute Toxicity | Oral: Not available | May be harmful if swallowed. |
| Irritation and Corrosion | Skin: Not available | May be harmful if absorbed through the skin. |
| Eye Contact | | May cause eye irritation. |
| Inhalation | | Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled. |
| Sensitization | Remarks: Not available | |
| Chronic Exposure | Not available | |

Section 12- Ecological information

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|---|------------------------|
| Elimination Information (Persistence and Degradability) | |
| Biodegradability | Remarks: Not available |
| Ecotoxicity Effects | |
| Further Information On Ecology | Not available |

Section 13- Disposal considerations

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|------------------------|--|
| Product | Observe all federal, state, and local environmental regulations. |
| Contaminated Packaging | Dispose of as unused product. |

Section 14- Transport information

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|----------|---------------------|
| DOT (US) | Not dangerous goods |
| IMDG | Not dangerous goods |
| IATA | Not dangerous goods |

Section 15- Regulatory information

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|----------------------|--|-----|
| Dangerous Components | BSA | PBS |
| OSHA Hazards | No OSHA Hazards | |
| TSCA Status | On TSCA Inventory | |
| DSL Status | All components of this product are on the Canadian DSL list. | |
| SARA 302 Components | SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. | |
| SARA 313 Components | SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) | |

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|--|--|
| SARA 311/312 Hazards | reporting levels established by SARA Title III, Section 313. |
| Massachusetts Right to Know Components | No SARA Hazards |
| Pennsylvania Right to Know Components | No Components Listed |
| Serum Albumin | CAS-No. 9048-46-8 |
| New Jersey Right to Know Components | |
| Serum Albumin | CAS-No. 9048-46-8 |
| California Prop. 65 Components | This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects. |
| Canada Regulatory Information | |
| WHMIS Classification | This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR. |
| DSL | No |
| NDSL | No |

Section 16- Other information

GenScript corporation MSDS is believed to be correct but only used as a guide for experienced personnel, GenScript shall not be held liable for any damage resulting from the handling or from contact with the above product.