# Material Safety Data Sheet

| Catalog No : | Product Name |
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| A41005 | β-actin mouse mAb Antibody |

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| **Application of the substance/the preparation:** | For Research Use Only.<br>It is not intended for food, drug, household, agricultural or cosmetic use. |
| **Unit Size:** | order demand |
| **Formulation:** | IgG in phosphate buffered saline (without Mg2+ and Ca2+ ), pH 7.4, 150 mM NaCl, 0.5% BSA, 0.02% sodium azide and 50% glycerol. |

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| **Stability:** | Stable. Not a significant hazard in these quantities. |
| **Corrosiveness:** | Mildly corrosive to aluminum. Moderately corrosive to copper and lead (azide only). |
| **Storage Conditions:** | Refrigerator storage recommended (2-8℃ or -20℃ for long term storage). |
| **Materials to Avoid:** | Strong acids, strong alkalis, strong oxidizing agents |

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| **Appearance:** | Light yellow or colorless clear liquid. |
| **Solubility in Water:** | Soluble. |
| **Flash point:** | Not determined. |
| **Odor:** | Little to none |
| **Melting point/freezing point:** | Not available. |
| **Evaporation rate:** | Undetermined. |
| **Relative Density:** | Not available. |
| **Extinguishing Fire:** | Use carbon dioxide, dry chemical extinguishers or water. An approved self-contained breathing apparatus and protective |

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| | clothing are recommended. |

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| **Control parameters:** | Not known. Contain no substances with occupational exposure limits. |
| **Appropriate engineering controls:** | Follow usual standard laboratory practices. Use appropriate chemical resistant gloves, appropriate safety glasses and wear protective work clothing. |
| **In Case of Spill:** | Use appropriate protective equipment and sodium hypochlorite (minimum 4%) to clean up spilled substance. Promptly absorb spill onto an appropriate material. Collect and dispose of all waste in accordance with applicable laws. |

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| **Potential Hazards:** | The complete properties have not been investigated. |
| **Toxicity:** | Undetermined |
| **Exposure Symptoms:** | Data suggests pure azide (azide is a minor component of this product) should be classified as a dangerous eye irritant and toxic by ingestion. Pure azide may cause severe irritation with corneal injury, which may result in permanent impairment of vision and even blindness |
| **Routes of Entry:** | May enter the body through inhalation, ingestion, and eye and skin contact. |

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| **After inhalation:** | Supply fresh air; consult doctor in case of complaints. |
| **After skin contact:** | Immediately wash with water and soap and rinse thoroughly. Generally the product do es not irritate the skin. |
| **After eye contact:** | Rinse opened eye for several minutes under running water. Then consult a doctor. |
| **After swallowing:** | Rinse mouth with water. Seek medical attention and appropriate follow-up. |

***Note*** To the best of our knowledge, the information contained herein is accurate. AAB Biosciences, Inc. shall not be held liable for any damage resulting from handling or contact with the above product. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.