

## Material Safety Data Sheet for Antibodies

<b>1. Product Identification</b>												
<p>Product: Alexa Fluor® 647-anti-SAM 1, R-Phycoerythrin-anti-SAM 1, Alexa Fluor® 488-anti-SAH 1, Alexa Fluor® 488-anti-SAH 2</p> <p>Catalog #: MAF00201, MAF00202, MAF00301, MAF00302</p> <p>Manufacturer: Arthus Biosystems, LLC</p> <p>Address: 2600 Hilltop Dr. Richmond, CA 94806</p> <p>Web: <a href="http://www.arthusbio.com">www.arthusbio.com</a></p> <p>Email: <a href="mailto:info@arthusbio.com">info@arthusbio.com</a></p> <p>Phone: +1 (877) 366 3888</p> <p>Fax: +1 (844) 448 7410</p> <p>Date Updated: March 16, 2016</p> <p>Prepared by: Quality Control</p>												
<b>2. Hazards Identification</b>												
<p>No proteins from E. Coli expression or any other expression systems were used. The physical, chemical and toxicological properties of these components have not been fully investigated. It is recommended that all laboratory personnel follow standard laboratory safety procedures when handling the following products. Safety procedures should include wearing OSHA approved safety glasses, gloves, and protective clothing. Direct physical contact with all components in this product should be avoided.</p> <p><u>Known Hazardous Components</u>    <u>CAS Number</u>    <u>Amount</u></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Sodium Azide</td> <td style="width: 20%;">26628-22-8</td> <td style="width: 20%;">0,09%</td> </tr> </table>	Sodium Azide	26628-22-8	0,09%									
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<b>3. Ingredient Information</b>												
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<b>4. First Aid Procedures</b>												

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**Ingestion** If swallowed, wash out mouth with water provided person is conscious. Call a physician or poison control.

**Skin Contact** Flush with plenty of water and wash with soap and water immediately for at least 20 minutes. Remove contaminated clothing and shoes. Call a physician if irritation or discomfort starts to develop.

**Inhalation** Remove to fresh air. Give oxygen when breathing becomes difficult. In case breathing stops, administer artificial respiration. Call for medical help.

### 5. Fire Fighting Measures

None of the components of this kit pose a significant risk in case of fire. Fire fighting media should be selected to suit other materials involved in the fire. It is recommended that firefighters wear protective gear and self-contained breathing apparatus to limit their exposure.

### 6. Accidental Release Measures

Ventilate area. Shut off all sources of ignition. Wear appropriate protective gear. Wipe or pick-up materials, place in sealed container, dispose of in accordance with federal, state, and local regulations.

Wash spill site thoroughly with soap and water after material pick-up is complete.

### 7. Handling and Storage

Refrigerated or  $-20^{\circ}\text{C}$  for long term storage. Shipping with ice packs. Avoid repeated freeze-thaw cycles. HRP-conjugated antibodies should be stored in darkness.

### 8. Exposure Controls/Personal Protection

Refer to Sections 6 and 7.

### 9. Physical and Chemical Properties

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<p><b>Physical State:</b> Liquid <b>Color:</b> Clear for most liquid reagents. Store in dark (brown vials). <b>Odor:</b> None detectable. <b>pH:</b> 7.4 – 8.0 for all components <b>Boiling Point:</b> Not applicable. <b>Melting Point:</b> Not applicable. <b>Flash Point:</b> Not applicable. <b>Flammability:</b> Not Flammable. <b>Auto flammability:</b> Will not occur. <b>Vapor Pressure:</b> Not applicable. <b>Water Solubility:</b> 100% soluble.</p>
<b>10. Stability and Reactivity</b>
<p>This product is stable until the expiration date indicated on the kit label under the specified storage conditions. There are no known reactivities with these components. Refer to the kit insert for further information.</p>
<b>11. Toxicological Information</b>
<p>None available.</p>
<b>12. Ecological Information</b>
<p>None available.</p>
<b>13. Disposal Considerations</b>
<p><b>Disposal of Preparation Left:</b> Dispose according to current regional and national rules. <b>Contaminated Containers:</b> Dispose of following current regulations.</p>
<b>14. Transport Information</b>
<p><b>Road / Railway Haulage ADR/RID:</b> Not restricted. <b>Sea Freight IMO (IMDG):</b> Not restricted. <b>Air Freight IATA (ICAO):</b> Not restricted. <b>UN Number:</b> Not applicable.</p>
<b>15. Regulatory Information</b>
<p><b>Symbols of Danger:</b> None.</p>
<b>16. Other Information</b>

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The above information is believed to be correct but does not purport to be all-inclusive and shall be used as a guide. Arthus Biosystems, LLC shall not be held liable for any damage resulting from handling or contact with the above product. The burden of safe use of these materials rests solely with the users.