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## **Material Safety Data Sheet**

**Products:** All products without preservatives. Products in this category include:

- Biotin-SP-conjugated horseradish peroxidase
- Gamma globulins
- Horseradish peroxidase-conjugated products
- Bovine Serum Albumin (IgG-free, Protease-free)
- Peroxidase-Anti-Peroxidase (PAP) Soluble Immune Complexes
- Unconjugated AffiniPure antibodies
- Unconjugated ChromPure proteins
- Unconjugated IgG fractions of monoclonal antibodies
- Unconjugated streptavidin

**Description of Contents:** Components common to all of these products are purified human, animal, plant, or microbial proteins and buffer salts. In addition, some products contain biotin. None of these components are considered to be hazardous. Therefore, according to the OSHA Hazard Communications Standard (CFR 1910.1200), these products do not require a Material Safety Data Sheet. However, products of human origin (ChromPure human serum proteins and human gamma globulin) may contain agents which pose a potential biological hazard to humans. The source material (donor blood) for all products of human origin was tested according to FDA guidelines for the detection of Hepatitis B surface antigen, antibodies to HIV, antibodies to Hepatitis C, HIV-1 antigens, and Syphilis. Each donor blood unit was negative for each test. However, no test method can provide total assurance that these infectious agents are absent. Therefore all products of human origin should be handled by procedures recommended in the CDC/NIH manual: "Biosafety in Microbiological and Biomedical Laboratories (BMBL)", U.S. Department of Health and Human Services, CDC, and NIH, available from the U.S. Government Printing Office or online at <http://www.cdc.gov/od/ohs/biosfty/bmbl4/bmbl4toc.htm>.

**Special Precautions:** These products are for *in vitro* research use only, not for household, diagnostic, or therapeutic use. They are not medical devices.

**Date:** November 7, 2009

The above information is believed to be correct but does not purport to be all inclusive and is intended to be used only as a guide. Jackson ImmunoResearch Laboratories, Inc. will not be held responsible for any damage from handling or from contact with the above products.