COLUMBIA BIOSCIENCES

Material Safety Data Sheet

Product Identification: Allophycocyanin (APC) conjugated to various proteins, pertaining to item numbers:

D3-000	D3-112-2a	D3-114-100	D3-1718-100
D3-010	D3-112-2b	D3-114-1MG	D3-1718-1MG
D3-103	D3-112-3	D3-1310-100	D3-1760
D3-110	D3-112-E	D3-1310-1MG	D3-1830
D3-110-A	D3-112-Fab	D3-1601	D3-1831
D3-110-E	D3-112-FabFc	D3-1602A	D3-1832
D3-110-M	D3-112-Fc	D3-1602B	D3-1834
D3-111	D3-112-M	D3-1711-100	D3-1866
D3-112-1	D3-113	D3-1711-1MG	D3-2212
D3-112-100	D3-113-Fab	D3-1714-100	D3-2212-K01
D3-112-1MG	D3-113-Fc	D3-1714-1MG	D3-2212-P01

Section 1 Physical Data

Chemical Abstracts Registry Number & Name: None assigned

Physical Characteristics: Proteinaceous complex of phycobiliprotein (APC) covalently attached to an antibody. The material is provided as a lyophilized powder wherein the reconstituted solution is 10 mM Tris buffer (pH 8.2) containing 50 mM sucrose, 150 mM sodium chloride, 0.1% bovine serum albumin, and 0.01% sodium azide.

Section 2 Fire and Explosion Data

Explosion: Non-explosive.

Section 3 Reactivity Data

Stability: Non-reactive.

Section 4 Leak/Spill Disposal Information

No special requirements.

Section 5 Exposure/Health Effects

Health Hazards: Sodium azide is not present in the material above 1%, therefore the material is not considered hazardous as defined in 29 CFR 1910.1200 (OSHA Hazardous Communication Standard).

First Aid: No special precautions.

Section 6 Occupational Control Measures

None required.

Section 7 Storage and special information:

Phycobiliproteins are light and temperature sensitive. Store in at 2-8°C away from light. Do not freeze after reconstitution.

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