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Material Safety Data Sheet

Applicable Product(s): PP18. Rabbit polyclonal antibody against serine/threonine protein phosphatase 2C alpha/beta.

Description of Contents: The main components of this product are purified antibodies and buffer salts, none of which are considered to be hazardous. The storage buffer contains 0.08% (w/v) sodium azide as a preservative.

Concentration of Hazardous Components: Resin storage buffer contains 0.08% (0.008mg/mL, 0.0008 mg total) sodium azide as a preservative.

Toxicity Data: LD50 (sodium azide) = 27 mg/kg (rat-oral)

Potential Hazard: The only hazards identified with this product are those associated with sodium azide which is present at a very low concentration. The main components of this product are purified antibodies and buffer salts, none of which are considered to be hazardous.

Fire Hazard: Sodium azide emits toxic fumes under fire conditions.

Explosion Hazards: Azide reacts with heavy metals, including copper and lead, to form explosive compounds. Use large volumes of water to flush this product through any plumbing containing these heavy metals.

Protective Clothing: None

Special Precautions: This product is for *in vitro* research only, not for household, diagnostic, or other therapeutic use. This product is not a medical device.

Health and First Aide:

Eye Contact: May cause irritation or permanent damage. Irrigate with a copious amount of water. Contact a physician immediately.

Skin Contact: May cause irritation. Wash affected areas with water or soap and water.

Ingestion: Contact poison control center or physician immediately of potential sodium azide poisoning .

The above information is believed to be correct but does not purport to be all inclusive and is intended to be used as a guide. Oxford Biomedical Research, Inc. will not be responsible for any damage from handling or from contact with above product.