

Safety Data Sheet

SECTION I: Product and Company Identification

1.1 Product identifiers

Product name: Baculovirus Particles (BVPs)

Product Number: E3001

Brand: MEDNA

Description: Baculovirus Particles are used to measure polyspecificity binding by therapeutic antibodies in in vitro assays for assessing therapeutic antibody developability. Provided as purified viral particles in phosphate buffered saline (PBS) at a concentration of $1 \times 10^{13-14}$ pfu/mL. The viral suspension consists of empty viral capsids (no vector genome) in PBS. Other trace components may be present, including but not limited to inorganic salts, vitamins and other nutrients, human cellular proteins, carbohydrates, amino acids, and fats. BVP is routinely shipped and stored frozen.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: For research use.

1.3 Details of the supplier of the safety data sheet

Company : MEDNA Scientific, Inc.
9160 Sterling Street, Suite 110
Irving, TX 75063
Office: 469-250-4424

Emergency phone number: 469-250-4424

SECTION II: Hazards identification

None

SECTION III: Physical Data

Liquid or frozen virus particle suspensions

SECTION IV: Health Hazards

Cultures are not known to cause disease in mammals. Cultures are known to cause disease in larval-stage insects of orders Diptera, Hymenoptera, and Lepidoptera.

SECTION V: Firefighting measures

None

SECTION VI: Reactivity

None

SECTION VII: Method of Disposal

Spill: Contain spill and decontaminate the area using a disinfectant such as chlorine bleach (10% v/v).

Waste: Decontaminate infected liquid cultures using chlorine bleach (10% v/v) for a minimum of 10 minutes. Dispose of the decontaminated solution in a sink.

Dispose of infected animal tissues/carcasses by incineration.

Dispose of viral stock by autoclaving at 121°C for 30-45 minutes.

Follow ALL federal, state and local regulations regarding biohazard disposal.

SECTION VIII: Special Protective Information

Handle as biohazardous material under Biosafety Level 1 containment.

SECTION IX: Special Precautions/Comments

Recommended that all BVP and cultures be handled by qualified individuals using appropriate safety procedures and precautions. Detailed discussions of laboratory safety procedures are provided in Laboratory Safety: Principles and Practice (Fleming et al., ASM Press, Washington D.C., 1995), and in the U.S. Government Publication, Biosafety in Microbiological and Biomedical Laboratories (CDC, 1999). This and other publications are available at the Centers for Disease Control Office of Health and Safety's website:

<http://www.cdc.gov/od/ohs/biosfty/bmb14/bmb14toc.htm>

The above information is accurate to the best of our knowledge. All materials and mixtures may present unknown hazards and should be used with caution. The user should exercise independent judgment as to the hazards based on all sources of information available. MEDNA shall not be held liable for any damage resulting from the handling or use of the above product.