

Document: D-54051  
Version: D-54051-002  
Release date: Feb 27, 2009  
Update date: Mar 12, 2014  
Printed on: Mar 12, 2014

# SAFETY STATEMENT

Applies to part numbers: R-05051-050 R-05051-250 R-05052-050 R-05052-250

## Product and company identification

Product(s): **WesternBright™ conjugates of fluorescent proteins with secondary antibodies.**  
Supplier: Advansta Inc.  
Address: 1505 Adams Drive, Suite B1  
Menlo Park, CA 94025  
Phone: 650-325-1980

This statement applies to all fluorescent conjugates provided for Fluorescent Western blotting applications. Conjugates are available as separate items or as components of kits designed for specific applications. Kits may include other additional items that may require separate MSDS.

## Composition/Information on Ingredients

WesternBright™ conjugates of various immunoglobulines and fluorescent phycobilliproteins (R-phycoerythrin, Allophycocyanin) supplied in solution of 10 mM Tris-HCl, 150 mM NaCl (pH 8.2) and 1 µg/ml pentachlorophenol.

Pentachlorophenol (CAS# 87-86-5) is the only hazardous or carcinogenic ingredient in these mixtures, and it is present in a very low concentration (0.0001%) as an antimicrobial stabilizer. According to the OSHA Hazard Communications Standard (29 CFR 1910.1200), if a material contains less than 1% of a hazardous chemical or less than 0.1% of a carcinogen, the mixture shall not be considered hazardous. However, precautions for handling potentially dangerous reagents should be practiced when using these products.

To aid in determining appropriate handling procedures, additional information regarding pentachlorophenol is provided below:

Hazard identification:	Pentachlorophenol is highly toxic. It is also a possible carcinogen. Chronic exposure may cause reproductive disorder(s) based on results with laboratory animals.
First aid measures	IF IN DOUBT SEEK MEDICAL ADVICE.
In case of	
contact with eyes and skin:	irrigate with plenty of water for at least 15 minutes.
ingestion:	wash mouth with water (provided victim is conscious), drink plenty of water. OBTAIN MEDICAL ATTENTION.
inhalation:	move to a well ventilated area and clear nose and throat.
Handling/exposure controls	Handle in accordance with Good Laboratory Practice. Wear appropriate protective clothing (safety goggles, chemical resistant gloves, laboratory coat).
Regulatory information	CAS # 87-86-5 is listed on the TSCA inventory and is subject to SARA section 313 reporting requirements. It is also listed as a California Prop. 65 carcinogen.

This information is supplied in good faith. To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. These products are intended for research use only, not for diagnostic, household or any other use.