

# SAFETY DATA SHEET

Applies to part numbers: AC2104, AC2165, AC2166, AC2167, AC2168, AC2169, AC2170, AC2171, AC2176, AC2177, AC2193

## Section 1 Product and company identification

**Product name:** AzureSpectra™ 650 Conjugated Secondary Antibodies**Supplier:** Azure Biosystems, Inc.**Address:** 6747 Sierra Court, Suite A-B  
Dublin, CA 94568**Recommended Use:** For research use only.**Restrictions on Use:** Not for clinical use. Not for internal use in animals or humans. Not for diagnostic use. Not for household or any other unintended use.

## Section 2 Composition/Information on Ingredients

Ingredient	CAS #	%
Sodium Chloride	7647-14-5	1-2%
Potassium Chloride	7447-40-7	<0.1%
Sodium Phosphate, di-basic	7558-79-4	<1%
Potassium Phosphate, mono-basic	7778-77-0	<1%
Glycerol	56-81-5	40%
Pentachlorophenol	87-86-5	0.0001%

AzureSpectra™ conjugates of various immunoglobulins and proprietary fluorescent dye supplied in solution of PBS, 40% glycerol and 0.0001% pentachlorophenol(CAS# 87-86-5).

## Section 3 Hazards identification

### EMERGENCY OVERVIEW

Harmful if swallowed. May cause eye and skin irritation. May cause respiratory tract irritation. May be harmful if absorbed through skin. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

HMIS RATING	
HEALTH	1
FLAMMABILITY	0
REACTIVITY	0

NFPA RATING	
HEALTH	1
FLAMMABILITY	0
REACTIVITY	0

For additional information on toxicity, please refer to section 11.

## Section 4 First Aid Measures

ORAL EXPOSURE	If swallowed, wash out mouth with water provided person is conscious. Call a physician.
INHALATION EXPOSURE	If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
DERMAL EXPOSURE	In case of contact, immediately wash skin with soap and copious amounts of water.
EYE EXPOSURE	In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

## Section 5 Fire Fighting Measures

FLASH POINT	N/A
AUTOIGNITION TEMP	N/A
FLAMMABILITY	N/A
EXTINGUISHING MEDIA	

Suitable: Water spray. Carbon dioxide, dry chemical powder, or alcohol-resistant foam.

Not suitable:

Not known

**FIREFIGHTING**

Protective Equipment:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**Section 6 Accidental Release Measures**

METHODS FOR CLEANING UP: Spill and Leak Response: For small releases, treat the products as water, but take basic hygiene precautions. Lightweight gloves, lab coat, and eye protection should be worn. Absorb spilled material with paper towels. Wash contaminated area with soap and water, absorb with paper towels, and rinse with water. Trained personnel using pre-planned procedures should respond to large releases that are not immediately controlled. Proper protective equipment should be used. In case of a spill, clear the affected area, protect people, and respond with trained personnel.

In the event of a non-incident, minimum release, personal protective equipment should be: Level D: lab gloves, chemical resistant apron, boots, and splash goggles. Respiratory protection should not be necessary. Absorb spilled liquid with poly pads or other suitable materials. Decontaminate the spill area thoroughly. Place all spill residues in a suitable container and seal. Dispose of in accordance with Federal, State, and local hazardous waste disposal regulations.

**Section 7 Handling and Storage****HANDLING**

User Exposure:

Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

**STORAGE**

Suitable:

Keep tightly closed. Store at -20°C.

**Section 8 Exposure Controls / PPE****PERSONAL PROTECTIVE EQUIPMENT**

Respiratory:

Respiratory protection not required. If desired, use multi-purpose respirator.

Hand:

Protective gloves.

Eye:

Chemical safety goggles.

GENERAL HYGIENE MEASURES:

Wash thoroughly after handling.

**Section 9 Physical and chemical properties**

APPEARANCE PHYSICAL STATE:

Green-colored liquid with neutral pH.

**Section 10 Stability and Reactivity**

STABILITY:

Stable under recommended storage conditions

Materials to Avoid:

Strong oxidizing agents, acids, bases.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Hazardous Decomposition Products:

Carbon oxides, nitrogen oxides.

**HAZARDOUS POLYMERIZATION**

Hazardous Polymerization:

Will not occur.

**Section 11 Toxicological Information****ROUTE OF EXPOSURE**

Skin Contact:

Causes skin irritation.

Skin Absorption:

May be harmful if absorbed through the skin.

Eye Contact:

Causes eye irritation.

Inhalation:

May be harmful if inhaled. Causes respiratory tract irritation.

Ingestion:

Harmful if swallowed.

**SIGNS AND SYMPTOMS OF EXPOSURE**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## **Section 12 Ecological Information**

No known significant effects or critical hazards.

## **Section 13 Disposal Considerations**

APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION:

Observe all federal, state, and local environmental regulations.

Within the present knowledge of the supplier, this product is not regarded as hazardous waste.

## **Section 14 Transport Information**

DOT

Proper Shipping Name:	None
Non-Hazardous for Transport:	This substance is considered to be non-hazardous for transport.

IATA

Non-Hazardous for Air Transport:	Non-hazardous for air.
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## **Section 15 Regulatory Information**

OSHA Hazards: Target organ effect. Harmful by ingestion. Irritant.

## **Section 16 Other information**

Date of last revision: March 1, 2022

For R&D use only. Not for drug, household or other uses.

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.