SAFETY DATA SHEET
BaseScope™ Fast Red B
According to Regulation (EC) No 1907/2006

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

1.1 Product Identifier
   Product Name   BaseScope™ Fast Red B
   Product No    322919

1.2 Relevant identified uses of the substance or mixture and uses advised against
   Identified uses   For Research Use Only. Not for diagnostic use.

1.3 Details of the supplier of the safety data sheet
   Supplier    Advanced Cell Diagnostics
   7707 Gateway Blvd
   Newark, CA 94560
   Tel: (510) 576-8800

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
   Classification (EC 1272/2008)
   Physical and Chemical   Not classified
   Human health   Not classified
   Environment   Not classified

   Classification (1999/45/EEC)
   Physical and Chemical   Not classified
   Human health   Not classified
   Environment   Not classified

   The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

2.2 Label elements
   Label In Accordance with (EC) No. 1272/2008
   No pictogram required

2.3 Other Hazards
   Not classified as PBT/vPvB by current EU criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures
   The full test for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID AND MEASURES

4.1 Description of first aid measures
   Inhalation
   Remove victim to well-ventilated area. If victim is not breathing, give artificial respiration. Seek medical attention.

   Ingestion
   If victim is conscious, rinse mouth with water. Do not give anything to an unconscious victim. Seek medical attention.

   Skin Contact
   Wash exposed area with soap and plenty of water. Remove any contaminated clothing. Seek medical attention.

   Eye Contact
   Wash eyes with plenty of water for at least 15 minutes. Have victim remove contact lenses. Be sure to wash under eyelids. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed
   General information
   Avoid further exposure to product. Consult a physician.

4.3 Indication of any immediate medical attention and special treatment needed.
   Treat Symptomatically.
SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media
   Extinguishing Media
   Water spray, alcohol-resistant foam, dry chemical, or carbon dioxide. Use extinguisher media appropriate for
   surrounding fire.

5.2 Special hazards arising from the substance or mixture
   Hazardous combustion products
   None identified.

5.3 Advice for fire fighters
   Special Fire Fighting Procedures
   No specific fire fighting procedure given.
   Protective equipment for fire fighters
   Wear self-contained breathing apparatus and protective clothing to prevent contact with eyes and skin.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
   Wear protective clothing as described in Section 8 of this safety data sheet.

6.2 Environmental Precautions
   Do not discharge into drains, water courses or onto the ground.

6.3 Methods and material for containment and cleaning up
   Small spills may be contained and cleaned up with paper towels or absorbent pads. Absorb large spills with sand or
   vermiculite and place in a closed container for waste disposal. Avoid physical contact during removal.

6.4 Reference to other sections
   Wear protective clothing as described in Section 8 of this safety data sheet.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling
   Avoid contact with eyes, skin and clothing. Do not ingest. Wash hands thoroughly after use.

7.2 Conditions for safe storage, including any incompatibilities
   Keep container tightly closed. Keep container in a cool, well-ventilated area.

7.3 Specific end user(s)
   The identified uses for this product are detained in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters
   Ingredient Comments
   No data available

8.2 Exposure controls
   Protective equipment
   Engineering measures
   No special controls needed.
   Respiratory Equipment
   Exceeding exposure limits is unlikely during normal usage. However, if irritation vapors are produced, respiratory
   protection is recommended. Attempt to reduce exposure levels to an acceptable range.
   Hand Protection
   Use chemically resistant gloves and a lab coat with sleeves.
   Eye Protection
   Wear chemical splash goggles and face shield when eye and face contact is possible due to splashing or spraying of
   material.
   Other Protection
   Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapor contact.
   Hygiene measures
   Avoid contact with eyes, skin and clothing. Wash hands thoroughly after handling and before eating or drinking.
# BaseScope™ Fast Red B

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties
- **Appearance**: Clear, colorless solution

### 9.2 Other information
- **Solubility (in water)**: Soluble

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity
- No specific reactivity hazards associated with this product.

### 10.2 Chemical stability
- Stable under recommended storage conditions (see Section 7).

### 10.3 Possibility of hazardous reactions
- No data available

### 10.4 Conditions to avoid
- None identified.

### 10.5 Incompatible Materials
- None identified

### 10.6 Hazardous decomposition products
- Hazardous decomposition products formed under fire conditions; carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen chloride gas.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects
- Not determined

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity
- There are no data on the ecotoxicity of this product.

### 12.1 Toxicity
- **Acute Fish Toxicity**: Not considered toxic to fish

### 12.2 Persistence and degradability
- **Degradability**: No data available

### 12.3 Bio accumulative potential
- **Bio accumulative potential**: No data available on bioaccumulation

### 12.4 Mobility in soil
- **Mobility**: No data available

### 12.5 Results of PBT and vPvB assessment
- **No data available**

### 12.6 Other adverse effects
- May be harmful to the environment, particularly aquatic organisms.

## SECTION 13: DISPOSAL CONSIDERATIONS

### General Information
- Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority

### 13.1 Waste treatment methods
- Disposal should be in accordance with applicable national, state and local regulations. Local regulations may be more stringent than national or state requirements. Verify local and state regulations before discharging into public sewers or landfills. Do not dump into any body of water. Contact a licensed professional waste disposal service for appropriate methods of disposal.
SECTION 14: TRANSPORT INFORMATION

14.1 UN Number
Not applicable

14.2 UN proper shipping name
Not applicable

14.3 Transport hazard class(es)
Not applicable

14.4 Environmental hazards
Environmentally Hazardous Substance/Marine Pollutant
No

14.5 Special precautions for user
Not applicable

14.6 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/law specific for the substance or mixture

Environmental Listing

Approved Code of Practice
Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

Guidance Notes
Workplace Exposure Limits EH40. CHIP HSG(108).

EU Legislation

SARA 302 Components
No chemicals in this product are subject to reporting requirements

SARA 313 Components
No chemicals in this product are subject to reporting requirements

SARA 311/312 Hazards
No chemicals in this product are subject to reporting requirements

California Prop 65 Components
This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: OTHER INFORMATION

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Sources and Suitability
The above information was obtained from sources available at the time of revision and believed to be accurate and reliable. The information included is not intended to be all inclusive and should only be used as a guide. ACD shall not be held liable for any damage resulting from use, handling, or contact with the above product.

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