

# DAB, 50X: sc-24982



## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** DAB, 50X

**Product Number:** sc-24982

**Supplier:** Santa Cruz Biotechnology, Inc.  
2145 Delaware Avenue  
Santa Cruz, CA 95060  
800.457.3801 or 831.457.3800

**Emergency:** ChemWatch  
Within the US & Canada: 877-715-9305  
Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Component:** DAB, 50X

**CAS Number:** 7411-49-6

**EC Number:** 231-018-9

**Hazard Classification:** Carc Cat 2: R45

### 3. HAZARDS IDENTIFICATION

DAB is a suspected CARCINOGEN (Category 2).

### 4. FIRST AID MEASURES

**Ingestion:** Do not induce vomiting. Wash out mouth with water provided that the casualty is conscious. Seek medical attention immediately.

**Inhalation:** Remove to fresh air and keep warm. Treat symptomatically. Seek medical attention.

**Skin:** Wash the affected area thoroughly with water. Remove contaminated clothing. Seek medical attention.

**Eyes:** Flush eyes with copious amounts of water for at least 15 minutes, lifting upper and lower lids. Seek medical attention.

### 5. FIRE-FIGHTING MEASURES

**Extinguishing Media:**

Use any media appropriate for the surrounding fire.

**Special Fire Fighting Instructions:**

Wear self-contained breathing apparatus and full protective clothing. Product may explode on heating.

**Hazardous Combustion Products:**

May emit toxic fumes under fire conditions.

### 6. ACCIDENTAL RELEASE MEASURES

**Precautions:**

Evacuate the area. Wear Personal Protective Equipment appropriate for the scale of the spill and potential for exposure. (See Section 8). Avoid contact with skin and eyes. Do not breath spray or vapor. Prevent contamination of drains, sewers, watercourses and ponds.

**Methods for Cleaning Up:**

Small amounts of material should be wiped up with a cloth. Absorb larger spills on sand or vermiculite. Avoid splashing. Transfer materials to a suitable container and store pending disposal. Ventilate the area and wash the spill site with water once all material has been picked up. Do not use a high-pressure water jet.

## 7. HANDLING AND STORAGE

### Handling:

Prevent contact with skin and eyes. Do not breath vapor. Do not eat, drink or smoke in the working area. Work in an extracted enclosure wearing protective clothing as required. Wash hands and exposed skin thoroughly after handling this material.

### Storage:

Store in the original, tightly closed container. Keep away from heat and open flame. Store in a cool, dry place unless otherwise specified. Store at 4 °C.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### UK Occupational Exposure Limits:

None relevant.

### Engineering Controls:

Work in an extracted enclosure.

### Personal Protective Equipment (PPE):

**Respiratory protection:** Not normally required when working in fume cupboard.

**Eye protection:** Wear safety glasses.

**Hand protection:** Wear chemical resistant gloves e.g. nitrile.

**Body protection:** Wear overall or laboratory coat.

The potential for, and extent of exposure should be taken into account when determining the appropriate PPE to wear.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** solution

**Melting Point:** 0 °C (water)

**Boiling Point:** 100 °C (water)

**Solubility in Water:** Dilutable in water

## 10. STABILITY AND REACTIVITY

**Stability:** Stable at normal temperatures and pressures.

**Materials to Avoid:** Strong oxidizing agents and strong bases.

**Hazardous Decomposition Products:** May be formed.

**Hazardous Polymerization:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** No data

### Health Effects:

**Ingestion:** May be harmful.

**Inhalation:** May be harmful. Adverse health effects may include irritation of the mucous membranes of the nose, throat, respiratory tract and symptoms of headache and nausea.

**Skin:** May cause irritation.

**Eyes:** May cause irritation.

### Chronic Effects:

This material is a suspected CARCINOGEN (Category 2).

Laboratory experiments have shown mutagenic effects.

## 12. ECOLOGICAL INFORMATION

Do not allow to enter soil. Prevent contamination of drains, sewers, watercourses and ponds.

## 13. DISPOSAL CONSIDERATIONS

Treat chemical residues as Special Waste.

Dispose via a licensed professional waste disposal service.

#### **14. TRANSPORT INFORMATION**

**DOT (US)**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

#### **15. REGULATORY INFORMATION**

**Classification:**

CARCINOGEN (Category 2)

**Risk Phrases:**

R45 May cause cancer.

**Safety Phrases:**

S36 Wear suitable protective clothing.

S53 Avoid exposure – obtain special instructions before use.

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

#### **16. OTHER INFORMATION**

*The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.*

11/14/2012