



MATERIAL SAFETY DATA SHEET

**cDNA**

1. PRODUCT AND COMPANY INFORMATION

**Product Identifier**

**Product Name:** cDNA  
**Product Code:**

**Details of the Supplier**

**Company** XpressBio  
**Address** 201 East Patrick Street, #576  
Frederick, MD 21701  
**Phone** 301-228-2444  
**Fax** 301-560-6570  
**Web** www.xpressbio.com

**Emergency Phone Number:** Contact national poisons unit in your state or country.

**MSDS First Issued:** 1/2017  
**MSDS Data Revised:** 2/2017

2. HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

**Main Hazards:** No significant hazard

**Label Elements**

**Risk phrases** No significant hazard

### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

#### **Mixtures**

Name	CAS No.	%	EC No.
glycerol		20%	
SOB medium – peptone, yeast extract, salt		80%	

### 4. FIRST AID MEASURES

#### **Description of first aid measures**

<b>Inhalation</b>	May cause irritation to mucous membranes. Move the exposed person to fresh air.
<b>Eye Contact</b>	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding eyelids open. Seek medical attention if irritation or symptoms persist.
<b>Skin Contact</b>	May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
<b>Ingestion</b>	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

### 5. FIRE FIGHTING MEASURES

#### **Extinguishing media**

Use extinguishing media appropriate to the surrounding fire conditions.

#### **Special hazards arising from the substance or mixture**

Burning produces irritating, toxic, and obnoxious fumes.

#### **Advice for firefighters**

Wear suitable respiratory equipment when necessary.

### 6. ACCIDENTAL RELEASE MEASURES

### **Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation of the working area.

### **Methods and material for containment and cleaning up**

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

## 7. HANDLING AND STORAGE

### **Precautions for safe handling**

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying, and dispensing.

### **Conditions for safe storage, including and incompatibilities**

Store at -70°C

Keep container tightly closed. Keep in cool, dry, well ventilated area. Store in correctly labelled containers.

## 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

### **Exposure controls**

#### **Appropriate engineering controls**

Ensure adequate ventilation of the working area.

#### **Individual protection measures**

Wear protective clothing.

#### **Eye/face protection**

In case of splashing, wear approved safety goggles.

#### **Skin/hand protection**

Wear suitable gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### **Information on basic physical and chemical properties**

**Appearance**            Liquid

**Color**                    Amber

## 10. STABILITY AND REACTIVITY

### **Chemical Stability**

Stable under normal conditions

11. TOXICOLOGICAL INFORMATION

**Further information**

No known adverse health effects.

12. ECOLOGICAL INFORMATION

**Further information**

No known adverse health effects.

13. DISPOSAL CONSIDERATIONS

**Further information**

Dispose of in compliance with all local and national regulations.

14. TRANSPORTATION INFORMATION

**Further information**

This product is not classified as dangerous for carriage.

15. REGULATORY INFORMATION

**Safety, health, and environmental regulations/legislation specific for the substance or mixture**

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

16. OTHER INFORMATION
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**Further information**

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.