



# Safety Data Sheet

Issue Date: 09-Jun-2015

Revision Date: 29--Aug-2022

Version 3

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

**Product Name** United 248 BIO BRIGADE DEVOUR-DX

### Other means of identification

**SDS #** UNITED-248

### Recommended use of the chemical and restrictions on use

**Recommended Use** DEVOUR-DX Drain Maintainer.

**Uses Advised Against** For institutional and industrial use only.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

United Laboratories, Inc.  
320 37th Avenue  
St. Charles, IL 60174  
www.unitedlabsinc.com

### Emergency telephone number

**Company Phone Number** 800-323-2594 (to reorder)  
**Emergency Telephone** INFOTRAC 1-800-535-5053 (North America)  
1-352-323-3500 (International)

## 2. HAZARDS IDENTIFICATION

**Appearance** Milky white liquid

**Physical state** Liquid

**Odor** Pleasant, spicy scent

### Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is not hazardous according to OSHA 29 CFR 1910.1200. Components not listed are not hazardous or are below reportable limits.

## 4. FIRST AID MEASURES

### Description of first aid measures

**Eye Contact** Flush with plenty of water for at least 15 minutes and call a physician or poison control center.

**Skin Contact** Wash with soap and water. If irritation persists, call a physician or poison control center.

**Inhalation** Remove to fresh air.

**Ingestion** Rinse mouth and throat. Give two glasses of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician or Poison Control Center.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** May cause eye irritation. May cause irritation to sensitive skin. Swallowing large amounts, more than a few ounces, may cause nausea, upset stomach and vomiting.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Water, foam, carbon dioxide, dry powder.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Not determined.

**Hazardous combustion products** None.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

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

**Personal Precautions** Use personal protective equipment as required.

**Environmental precautions**

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

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Dilute with water and flush to a sewage drain. Do not use high-pressure water jet.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practices. Wear gloves if exposure is prolonged. Wash hands after use. Care should be taken to ensure the product is not introduced to drinking water or foodstuffs.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep this product in a properly labeled, tightly closed container and store in a cool, dry place.

**Incompatible Materials** Do not expose to germicides or disinfectants. No dangerous reaction will occur, but this product will be inactivated. Do not mix with oxidizers such as bleach.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies

### **Appropriate engineering controls**

**Engineering Controls** Normally not required.

### **Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Normally not required, recommended if splashing is possible or handling large quantities.

**Skin and Body Protection** Normally not required, recommended wearing gloves if exposure is prolonged.

**Respiratory Protection** Normally not required.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practices.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Physical state</b>	Liquid	<b>Odor</b>	Pleasant, spicy scent
<b>Appearance</b>	Milky white liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Milky white		

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
<b>pH</b>	6.8-7.8	
<b>Melting point / freezing point</b>	Not available	
<b>Boiling point / boiling range</b>	100 °C / 212 °F	
<b>Flash point</b>	None	
<b>Evaporation Rate</b>	1	(n-BuAc =1)
<b>Flammability (Solid, Gas)</b>	Liquid- Not applicable	
<b>Flammability Limit in Air</b>		
<b>Upper flammability or explosive limits</b>	Not determined	
<b>Lower flammability or explosive limits</b>	Not determined	
<b>Vapor Pressure</b>	As for H2O	
<b>Vapor Density</b>	Not available	
<b>Relative Density</b>	1.01	
<b>Water Solubility</b>	Dispersible	
<b>Solubility in other solvents</b>	Not determined	
<b>Partition Coefficient</b>	Not determined	
<b>Autoignition temperature</b>	Not determined	
<b>Decomposition temperature</b>	Not determined	
<b>Kinematic viscosity</b>	Not determined	
<b>Dynamic Viscosity</b>	Not determined	
<b>Explosive Properties</b>	Not determined	
<b>Oxidizing Properties</b>	Not determined	
<b>VOC Content</b>	None	

## 10. STABILITY AND REACTIVITY

### **Reactivity**

Not reactive under normal conditions.

### **Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to Avoid**

Keep out of reach of children.

**Incompatible materials**

Do not expose to germicides or disinfectants. No dangerous reaction will occur, but this product will be inactivated. Do not mix with oxidizers such as bleach.

**Hazardous decomposition products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

**Eye Contact** Avoid contact with eyes.

**Skin Contact** Avoid contact with skin.

**Inhalation** Do not inhale.

**Ingestion** Do not ingest.

**Component Information**

Not available.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Carcinogenicity** Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical measures of toxicity**

Not determined.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Not determined.

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

There is no data for this product.

**Mobility**

Not determined.

**Other Adverse Effects**

Not determined.

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

<b>Disposal of Wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated Packaging</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION**

<b><u>Note</u></b>	Please see current shipping paper for most up-to-date shipping information, including exemptions and special circumstances.
<b><u>DOT</u></b>	Not regulated.
<b><u>IATA</u></b>	Not regulated.
<b><u>IMDG</u></b>	Not regulated.

**15. REGULATORY INFORMATION**

**International Inventories**

All ingredients are listed or exempt from listing on Chemical Substance Inventory

**US Federal Regulations**

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**US State Regulations**

**California Proposition 65**

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b> Not determined	<b>Flammability</b> Not determined	<b>Instability</b> Not determined	<b>Special Hazards</b> Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b> 1	<b>Flammability</b> 0	<b>Physical hazards</b> 0	<b>Personal Protection</b> A

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**Revision Note:** Regulatory review

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.

**End of Safety Data Sheet**