

**SAFETY DATA SHEET**

This SDS Complies With 29 CFR 1910.1200 (The Hazard Communication Standard)

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**Section I - Product & Company Identification**

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**Product identifier**

Product name : LIQUI BAC  
Product form: Liquid  
Other means of identification: 0552

Relevant identified uses of the substance or mixture: Bacteria concentrate

**Details of the supplier of the safety data sheet**

Manufacturer:  
Diversified Chemical Products, Inc. 4124 B NW Riverside Street, Riverside, MO 64150  
Phone: 816-472-5515

**Emergency telephone number**

Emergency number : CHEMTREC: 1-800-424-9300

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**Section II – Hazards Identification**

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**Classification**

Eye Irritation - Category 2B  
Skin corrosion/ irritation - Category 3  
Acute toxicity oral - Category 5  
Acute toxicity inhalation – Category 5  
Pictogram: None

**Signal Word**

**Warning**

**Hazard Statements**

Causes eye irritation  
Causes mild skin irritation.  
May be harmful if swallowed.  
May cause respiratory irritation.

**Precautionary Statements – Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product  
Wear protective gloves/protective clothing/eye protection/face protection  
Avoid breathing mist/vapors/spray.

**Precautionary Statements – Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation occurs

IF ON SKIN: Take off contaminated clothing and wash before reuse. Wash with plenty of soap and water. If irritation occurs get medical advice/attention.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call POISON CENTER/doctor if you feel unwell.

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
Rinse mouth

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

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**Section III –Composition/Information on ingredients**

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**Mixture**

Name		
No reportable hazardous materials.		

Any concentration shown as a range is to protect confidentiality or is due to process variation.

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**Section IV – First Aid Measures**

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**First Aid Measures**

**Inhalation:** Remove to fresh air. If breathing stops, provide artificial respiration. If symptoms persist, call a physician.

**Eye Contact:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.

**Ingestion:** Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

**Skin Contact:** Remove contaminated clothing, wash with plenty of water. If skin irritation persists, call a physician.

**Most Important Symptoms and Effects, both Acute and Delayed**

**Symptoms**

May cause mild skin, eye and respiratory irritation.

**Indication of any Immediate Medical Attention and Special Treatment Needed**

**Note to Physicians:** Treat symptomatically.

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**Section V – Fire Fighting Measures**

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**Suitable Extinguishing Media**

Not flammable

**Unsuitable Extinguishing Media:** Not flammable

### **Specific Hazards Arising from the Chemical**

No data available

### **Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, NIOSH approved and full protective gear.

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## **Section VI – Accidental Release Measures**

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### **Personal Precautions, Protective Equipment and Emergency Procedures**

**Personal Precautions** Use personal protective equipment as required. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

### **Methods and Material for Containment and Cleaning Up**

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

**Methods for Cleaning Up:** Use non-combustible material like vermiculite, sand or earth to soak up the product and place into a suitable container for later disposal. Following product recovery, flush area with water. Scrub area with detergent and water.

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## **Section VII – Handling & Storage**

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### **Precautions for Safe Handling**

**Advice on Safe Handling:** Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

### **Conditions for Safe Storage, Including any Incompatibilities**

**Storage Conditions:** Keep containers tightly closed in a dry, cool and well-ventilated place.

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## **Section VIII – Exposure Controls/ Personal Protection**

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### **Exposure Guidelines**

No data available

#### **Appropriate Engineering Controls**

**Engineering Controls:** Provide adequate ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

### **Individual Protection Measures, such as Personal Protective Equipment**

**Eye/Face Protection:** Wear approved chemical safety goggles/face shield where a splash hazard exists.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** Ensure adequate ventilation, especially in confined areas.

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

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## **Section IX – Physical & Chemical Properties**

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### **Information on Basic Physical and Chemical Properties**

<b>Physical State</b>	Liquid
<b>Color</b>	Milky white
<b><u>Property</u></b>	<b><u>Values</u></b>
pH	No data available
Melting Point/Freezing Point	No data available
Boiling Point/Boiling Range	100 ° C (212 ° F)
Flash Point	Not flammable
Evaporation Rate	No data available
Flammability (Solid,Gas)	n/a-liquid
Upper Flammable Limits	Not flammable
Lower Flammable Limits	Not flammable
Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	1.00
Water Solubility	soluble in water
Solubility in Other Solvents	No data available
Partition Coefficient	No data available
Autoignition Temperature	Not flammable
Decomposition Temperature	No data available
Kinematic Viscosity	No data available
Dynamic Viscosity	No data available
Explosive Properties	Not an Explosive
Oxidizing Properties	No data available
Odor	Floral
Odor Threshold	No data available

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## **Section X – Stability & Reactivity**

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### **Reactivity**

Not reactive under normal conditions.

### **Chemical Stability**

Stable under recommended storage conditions.

### **Possibility of Hazardous Reactions**

None Known

### **Conditions to Avoid**

No data available

### **Incompatible Materials**

Strong oxidizing agents,

### **Hazardous Decomposition Products**

Carbon dioxide, carbon monoxide

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## **Section XI - Toxicological information**

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### **Information on Likely Routes of Exposure**

#### **Product Information :**

**Inhalation:** Avoid breathing vapors or mists.

**Eye Contact:** Causes eye irritation

**Skin Contact:** Causes mild skin irritation

**Ingestion:** Harmful if swallowed.

This product as a whole has not been tested for acute toxicity

### **Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure**

**Carcinogenicity:** This product does contain carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical Measures of Toxicity:** Not determined

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## **Section XII - Ecological information**

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### **Ecotoxicity**

There is no data available for this product as a whole.

### **Persistence and Degradability**

No data available

### **Bioaccumulation**

No data available

### **Mobility**

No data available

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## **Section XIII - Disposal considerations**

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### **Waste Disposal Method**

Dispose of material in accordance with all Federal, State and local regulations. Local regulations may be more stringent than Federal or State. Avoid discharge to sewers or waterways.

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## **Section XIV - Transport information**

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### **DOT Proper Shipping Description:**

**Bulk:** Not regulated

**Non-Bulk:** Not Regulated.

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**Section XV - Regulatory information**

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**SARA Title III Section 311/312 (40CFR370):** acute health hazards.

**SARA Title III Section 313 (40CFR372):** No reportable component.

**RCRA Status (40CFR261.33):** No reportable components.

**TSCA Inventory Status:** Reported/included

**OSHA/NTP/IARC Carcinogen Status:** Not listed

**Canadian DSL Status:** Not reported/included

**Chemicals Known to the State of California to Cause Cancer or Reproductive Toxicity:**

None

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

No data available

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**Section XVI - Other information**

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**HMIS ratings:** Health: 1  
Flammability: 0  
Reactivity: 0

Indication of changes: Revision – 1

Date Sheet Prepared: 05/28/2015 Other information: Author – EHS Administrator

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The information herein is presented in good faith and believed to be correct as of the date hereof. However, the manufacturer makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use.

No representations or warranty's, either express or implied of merchantability, fitness for a particular purpose or of any other nature with respect to the product or to the information herein is made hereunder. The manufacturer shall in no event be responsible for any damages of whatsoever nature directly or indirectly resulting from the publication or use of or reliance upon information contained herein.

**END OF SDS**