



## SAFETY DATA SHEET

NAME OF PRODUCT                      **Calcium Chloride Solution**

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### 1: PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 Product Identifiers

**PRODUCT NAME:** Calcium Chloride, 0.025M, 473 mL  
**SYNONYMS:** Calcium Chloride Solution  
**PRODUCT CODES:** 100989

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

**MANUFACTURER:** Bio/Data Corporation  
**ADDRESS:** 155 Gibraltar Road, Horsham, PA 19044, USA  
**PHONE:** +1- 215-441-4000

#### 1.3 Emergency information

**EMERGENCY:** Turn to nearest First Aid Station  
**EMERGENCY PHONE:** +1-215-441-4000 (Bio/Data Corporation)

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### 2: HAZARDS IDENTIFICATION

**2.1 Environmental Protection Procedures:** Spill response: Flush with water  
**2.2 Waste Disposal Method:** Mop up spill, flush to drain, disinfect area

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### 3: COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Component:**                      **0.025 M Solution of Calcium Chloride (Ca Cl<sub>2</sub>)**

**Chemical Family:** Salt Solution  
**Formula:** Ca Cl<sub>2</sub>

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>CLASSIFICATION</u>
10043-52-4	111.0	N/A	Not Regulated

Note: Reagents do not contain dangerous substances in quantities higher than limits reported by 67/548/EEC and 1999/45/EC directives, and following modifications and amendments, about classification, labeling and packaging of dangerous preparations.

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### 4: FIRST AID MEASURES

**4.1 Eye contact:** flush eyes with water  
**4.2 Skin contact:** wash off with water  
**4.3 Ingestion:** seek medical advice  
**4.4 Direction for physician:** symptomatic treatment by a physician

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## 5: FIRE-FIGHTING MEASURES

N/A

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## 6: ACCIDENTAL RELEASE MEASURES

- 6.1 **After spillage:** dilute liquid with water and absorb
  - 6.2 **Absorbent material:** no restriction
  - 6.3 **Special measures:** to limit damage - not necessary
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## 7: HANDLING AND STORAGE

- 7.1 Follow instructions on product insert and GLP. This product must be handled with the usual care for diagnostic reagents.
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## 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 **Respiratory protection:** none
  - 8.2 **Eye protection:** use protective glasses
  - 8.3 **Hand protection:** disposable gloves
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## 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

APPEARANCE	Clear
COLOR	Colorless
ODOR	N/A
pH	~7.0
BOILING POINT	N/A
MELTING POINT	N/A
IGNITION TEMPERATURE	N/A
FLASH POINT	Non-flammable
EXPLOSION LIMIT	N/A
VAPOR TENSION	N/A
DENSITY	N/A
VAPOR PRESSURE	N/A
SOLUBILITY IN WATER	N/A
SPECIFIC GRAVITY	~1

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## 10: STABILITY AND REACTIVITY

10.1 <b>STABILITY:</b>	Stable
10.2 <b>CONDITIONS TO AVOID (STABILITY):</b>	None
10.3 <b>INCOMPATIBILITY:</b>	None
10.4 <b>HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:</b>	None
10.5 <b>HAZARDOUS POLYMERIZATION:</b>	None
10.6 <b>CONDITIONS TO AVOID (POLYMERIZATION):</b>	None

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## 11: TOXICOLOGICAL INFORMATION

- 11.1 **LD50 oral:** not known
  - 11.2 **LD50:** not known
  - 11.3 **LD50 skin:** not known
  - 11.4 **LD50 inhalation:** not known
  - 11.5 Not identified as a carcinogen
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**12: ECOLOGICAL INFORMATION**

No Data Available

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**13: DISPOSAL CONSIDERATIONS**

**13.1** Used reagents must be disposed of in accordance with local and federal regulations.

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**14: TRANSPORT INFORMATION**

**14.1** Not Regulated - This product is not subject to current regulations for transportation of hazardous goods.

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**15: REGULATORY INFORMATION**

**15.1** This Product does not require special labeling in accordance with the appropriate EEC directives.

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**16: OTHER INFORMATION**

This product is intended for IN VITRO diagnostic use only.

**NOT FOR USE IN HUMANS.**

The information herein is believed to be correct as of the date hereof and excludes any guarantee related with the final use given to the product, being the recipient the last responsible for observing the local laws applicable in each case.