



Safety Data Sheet

Lithium Carbonate 0.05%

1. Identification

Product Name: Lithium Carbonate 0.05%**Item #:** SKC1145-500, SKC1145-250**Web SDS:** S484**Synonyms:** N/A**Recommended Use:** N/A**Restrictions on Use:** N/A**Manufacturer:**BBC Biochemical
409 Eleanor Lane,
Mount Vernon, WA 98273
1-800-635-4477**In Case of Emergency:**Chemtrec US 1-800-424-9300
Chemtrec International 703-527-3887

2. Hazards Identification

OSHA Hazard Classification(s):

No OSHA Hazard Classifications Applicable

Signal Word: N/A**Hazard Statement(s):** N/A**Pictogram(s):** N/A**Precautionary Statement(s):** Prevention: N/A

Response: N/A

Storage: N/A

Disposal: N/A

Descriptions of Hazards not otherwise classified: N/A**Percent of mixture with unknown acute toxicity:** N/A

3. Composition and Information on Ingredients

Chemical Name	Common Name	CAS #	Concentration %
Water		7732-18-5	100
Lithium Carbonate		554-13-2	0.05
Select Preservative		Trade Secret	Trade Secret

4. First Aid Measures

Eye Contact: If eye irritation develops get medical advice/attention.**Skin Contact:** If skin irritation occurs get medical advice/attention.**Inhalation:** Get medical advice/attention if you feel unwell.**Ingestion:** Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention if you feel unwell.**Symptoms:** N/A**Recommendations for immediate medical care/special treatment:** Get medical advice/attention if you feel unwell.

5. Fire- Fighting Measures

Extinguishing Media: N/A**Fire Hazards (Chemical):** Material will not burn**Special Protective Equipment:** N/A**Precautions for Firefighters:** N/A

6. Accidental Release Measures

Emergency Procedures: Evacuate the area of all unnecessary personnel. Wear suitable protective equipment. Eliminate all



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sources of ignition and provide ventilation.

Protective Equipment: See section 8

Environmental Precautions: Prevent release to the environment by using barriers.

Containment and Clean-Up Procedures: Use barriers to prevent spreading. Collect spill in container. Call waste authorities.

7. Handling and Storage

Handling: Do not breathe vapors. Do not eat, drink or smoke when using this product. Keep container tightly closed.

Storage: Store in a well-ventilated place. Keep cool.

8. Exposure Controls/Personal Protection

OSHA Permissible Exposure Limits (PELs):

Reagent	CAS #	OSHA PEL TWA
N/A		

ACGIH Threshold Limit Values (TLVs):

Reagent	CAS #	ACGIH PEL TLV	ACGIH STEL
N/A			

Engineering Controls: Use in a well ventilated area to prevent exposure. Maintain eyewash fountain and quick-drench facilities in work areas.

Personal Protective Measures: Wear gloves, lab coat, eye protection and impervious footwear. Contact lenses should not be worn when working with this material.

Special PPE Requirements: If ventilation hood not available wear respirator.

9. Physical and Chemical Properties Section

Appearance: Colorless, Colorless Liquid

Molecular Weight: N/A

Molecular Formula: N/A

pH: 10.6-10.9

Boiling Point and Boiling Range: 100°C

Melting Point/Freezing Point: 0°C

Flash Point: N/A

Specific Gravity/Relative Density: N/A

Odor: Mild odor

Odor Threshold: N/A

Color: Colorless

Flammability (solid/gas): Will not burn

Vapor Density: N/A

Upper/Lower flammability or explosive limits: N/A

Vapor Pressure: N/A

Evaporation Rate: N/A

Partition Coefficient: n-octanol/water: N/A

Viscosity: N/A

Auto-ignition temperature: N/A

Solubility: Miscible in water

Decomposition Temperature: N/A

10. Stability and Reactivity



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Reactivity: N/A

Chemical Stability: Stable

Conditions of Stability/Instability: N/A

Stabilizers needed: None

Safety issue indicated by appearance change: N/A

Other: N/A

Hazardous Reactions: N/A

Hazardous Polymerization: Does not occur

Conditions to avoid: N/A

Classes of Incompatible Materials: Oxidizers, Strong Acids, Strong Bases. Water reactive substances (e.g. acetic anhydride, alkyl aluminum chloride, calcium carbide, ethyl dischlorosilane)

Hazardous Decomposition Products: Thermal-oxidation degradation can produce oxides of carbon. Toxic gases and vapors (I.e. Carbon monoxide) may be released in a fire.

11. Toxicological Information

Likely Routes of Exposure

Eyes: May cause irritation with redness and pain.

Skin: May cause irritation with redness and pain.

Inhalation: May cause irritation with sore throat and coughing.

Ingestion: Irritation to the gastrointestinal system.

Signs or Symptoms of Exposure: N/A

Effects from short term exposure (delayed, immediate, chronic): N/A

Acute Toxicity (Numerical Measures): N/A

Carcinogenicity (NTP, IARC, OSHA): Not a carcinogen.

12. Ecological Information

Ecotoxicity: May be harmful to aquatic life in large quantities.

Persistence and degradability:

Bioaccumulation Potential (octanol-water partition coefficient, BCF):

Mobility in the soil:

Adverse Environmental Effects:

13. Disposal Considerations

Recommended Disposal Containers: Check with your local waste authorities*

Recommended Disposal Methods: Do not dispose of in drains, check with your local waste authorities.*

Physical/Chemical Properties affecting Disposal: See section 2 and section 9 applicable information.*

Special Precautions for Landfill and Incineration Activities: Check with your local waste authorities.*

Waste Stream: Consult your local or regional authorities.*

14. Transport Information

UN Number:

UN Proper Shipping Name:

Transport Hazard Class(es):

Packing Group Number:

Environmental Hazards (IMDG code):

Marine Pollutant:

Transport in Bulk (IBC Code):

Special Transport Precautions:



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15. Regulatory Information

OSHA:

DOT:

EPA:

CPSC:



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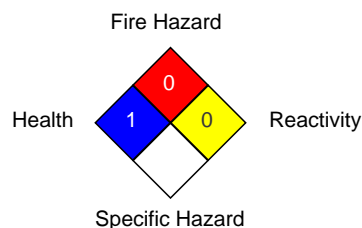
16. Other Information

Revision Date: 03/09/2017

NFPA

Health	1
Fire Hazard	0
Reactivity	0
Specific Hazard	

National Fire Protection Association (USA) NFPA



HMIS

Health	1
Flammability	0
Physical Hazard	0
Personal Protection	

Hazardous Material Information System HMIS

Health	1
Flammability	0
Physical Hazard	0
Personal Protection	

Notice to Reader:

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