

MSDS

Material Safety Data Sheet



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Lithium Carbonate Solution, Saturated

SECTION 1 PRODUCT INFORMATION

NAME: Lithium Carbonate Solution, Saturated
EKI ORDER NUMBERS: 5137
SYNONYMS: Bluing Reagent
CAS NO: Does not apply
FORMULA: Does not apply
REVISION DATE: 28 December 2004

****LABEL HAZARD STATEMENT AND PRECAUTIONS****

FOR DIAGNOSTIC / LABORATORY USE ONLY. Although this product does not normally require specific hazard precautions, chemical users should *always* take care to minimize personnel exposure and workplace contamination.

SECTION 2 HAZARDOUS INGREDIENTS / COMPOSITION INFORMATION

INGREDIENT	CAS NO	OSHA/PEL	ACGIH/TLV
Lithium Carbonate	554-13-2	N/E	N/E

Lithium Carbonate is subject to the reporting requirements of SARA313 and 40CFR372.

SECTION 3 PHYSICAL / CHEMICAL CHARACTERISTICS

VAPOR PRESSURE (mm Hg): Miscible VAPOR DENSITY: N/E
SPECIFIC GRAVITY: N/E MELTING POINT (C): N/E
EVAPORATION RATE: N/E
APPEARANCE AND ODOR: Clear, colorless, odorless liquid.

SECTION 4 FIRE / EXPLOSION HAZARD DATA

NFPA RATINGS: (Estimated) HEALTH:1 FIRE:0 REACTIVITY:0
FLASH POINT (C): Not combustible
AUTOIGNITION TEMPERATURE (C): Does not apply
FLAMMABLE LIMITS (%) UEL: Does not apply LEL: Does not apply
EXTINGUISHING MEDIA: Suitable for surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear self-contained breathing apparatus with full face piece operated in pressure-demand or other positive-pressure mode.
UNUSUAL FIRE AND EXPLOSION HAZARDS: N/I

SECTION 5 REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: Excessive heat, sunlight.
MATERIALS TO AVOID: N/I
HAZARDOUS DECOMPOSITION PRODUCTS: N/I
HAZARDOUS POLYMERIZATION: Does not occur.

SECTION 6 HEALTH HAZARD DATA

ROUTES OF ENTRY AND EFFECTS OF OVEREXPOSURE
INHALATION: Not expected to have any adverse health effects when used as intended.
SKIN CONTACT: Not expected to have any adverse health effects when used as intended.
EYE CONTACT: Not expected to have any adverse health effects when used as intended.
SKIN ABSORPTION: Not expected to have any adverse health effects when used as intended.
INGESTION: Not expected to have any adverse health effects when used as intended.
CHRONIC: May Not expected to have any adverse health effects when used as intended.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/I
CARCINOGENICITY: None

****FIRST AID PROCEDURES****

EYE CONTACT: Flush with water.
SKIN CONTACT: Flush with water.
INHALATION: Not expected to be an inhalation hazard.
INGESTION: Not expected to be an ingestion hazard.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Absorb with inert material and containerize for disposal. Flush residue with water.
WASTE DISPOSAL METHOD: Dispose in accordance with all applicable federal, state, and local environmental regulations.
STORAGE: Store tightly closed in a cool place, out of direct sunlight.

SECTION 8 CONTROL MEASURES

VENTILATION: Local or general.
RESPIRATORY PROTECTION: Mist respirator if required.
EYE PROTECTION: Chemical splash safety goggles and/or full face shield.
SKIN PROTECTION: Gloves, lab coat.

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