

MATERIAL SAFETY DATA SHEET

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SECTION 1 Product Identification

CHEMICAL NAME: LITHIUM THIOCYANATE
PRODUCT NUMBER: 2380
CAS REGISTRY NUMBER: 556-65-0
FORMULA: Li(SCN)·2H₂O
EINECS NO: 209-135-1

SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	556-65-0	100	No data	No data

SECTION 3 Hazards Identification

EMERGENCY OVERVIEW: Irritant effect. Harmful if in contact with skin, inhaled and if swallowed. Contact with acids liberates highly toxic gas (cyanide) !

PRIMARY ROUTES OF EXPOSURE: Inhalation, skin absorption, Ingestion.

EYE CONTACT: Causes irritation of the eyes.

SKIN CONTACT: Causes irritation to the skin. Harmful by skin absorption.

INHALATION: Dust is irritating to nose, mucous membranes and respiratory tract.

INGESTION: No specific Data Found

ACUTE TO CHRONIC HEALTH EFFECTS: Thiocyanates have variable toxicity. They are not normally dissociated into cyanide. Prolonged absorption may products skin eruptions, runny nose and occasionally dizziness, cramps, nausea, vomiting and mild or severe disturbances of hte nervous system. Thiocyanates emit cyanide on contact with acids. Danger thru skin absorption.

SECTION 4 First Aid Measures

EYE EXPOSURE: Immediately flush the eyes with copious amounts of water (lukewarm if possible) for several minutes. Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. Get immediate medical attention.

SKIN EXPOSURE: Wash affected area with soap and copious amounts of water. Remove contaminated clothes if necessary. Seek medical assistance if irritation or redness persists.

INHALATION: Remove victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. In such cases seek immediate medical assistance. If not breathing administer CPR.

INGESTION: Seek medical assistance immediatley. Keep the victim calm.