

PRMI

# MATERIAL SAFETY DATA SHEET

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## SECTION 1 Product Identification

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**CHEMICAL NAME: CALCIUM THIOCYANATE**  
**PRODUCT NUMBER: 1392-3**  
**CAS REGISTRY NUMBER: 65114-14-9**  
**FORMULA: Ca(SCN)<sub>2</sub>·4H<sub>2</sub>O**  
**EINECS NO: 218-244-3**  
**SYNONYM: Calcium dithiocyanate**

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## SECTION 2 Composition and Information on Ingredients

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INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	65114-14-9	100	No data	No data

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## SECTION 3 Hazards Identification

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**EMERGENCY OVERVIEW:** May be harmful if inhaled. May cause irritation to skin and eyes. May cause respiratory tract irritation. May be harmful if absorbed thru skin. May be harmful if swallowed. Contact with acids produces highly toxic HCN gas.

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

**EYE CONTACT:** May cause irritation of the eyes.

**SKIN CONTACT:** May cause irritation to the skin.

**INHALATION:** Dust may be irritating to nose, mucous membranes and respiratory tract.

**INGESTION:** No specific Data Found

**ACUTE TO CHRONIC HEALTH EFFECTS:** May target thyroid and central nervous system.

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## SECTION 4 First Aid Measures

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**EYE EXPOSURE:** Immediately flush the eyes with copious amounts of water (lukewarm if possible) for at least 15 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:** Never give anything by mouth to unconscious person. Rinse mouth out with water. Consult a physician.