

MATERIAL SAFETY DATA SHEET

Manufacturer: ProChem Inc.
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Rockford IL 61109

CUSTOMER SERVICE: (800) 795-8788
CHEMTREC (EMERGENCY ONLY): (800) 424-9300
POISON CENTER: (800) 562-8236

SECTION 1 Product Identification

CHEMICAL NAME: Rubidium (99.9+%) (breakseal ampoule)

CAS REGISTRY NUMBER: 7440-17-7

FORMULA: Rb

EINECS NUMBER: 231-126-6

CHEMICAL FAMILY: metal or element

SYNONYM: Alkali metal

SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	7440-17-7	100	no data	no data

SECTION 3 Hazards Identification

EMERGENCY OVERVIEW: The metal rapidly forms caustic and highly corrosive alkali hydroxide with evolution of heat. Severe thermal and chemical burns will result at every point of human contact.

PRIMARY ROUTES OF EXPOSURE: Contact with skin and eyes.

EYE CONTACT: Severe thermal burns, corrosion and ulceration of the eyes may occur on direct contact.

SKIN CONTACT: Severe thermal burns, corrosion and ulceration of the skin may occur on direct contact.

INHALATION: Inhalation is not a likely mode of entry.

INGESTION: Ingestion will cause burns and perforations of the gastrointestinal tract.

ACUTE HEALTH EFFECTS: With moisture or human contact, metal rapidly forms caustic and highly corrosive alkali hydroxide with evolution of heat. Severe thermal and chemical burns will result.

CHRONIC HEALTH EFFECTS: No information available on long-term chronic effects.

NTP: No **IARC:** No **OSHA:** No

SECTION 4 First Aid Measures

EYE EXPOSURE: Immediately flush the eyes with copious amounts of water for at least 10-15 minutes. A victim may need assistance in keeping their eye lids open. Get immediate medical attention.

SKIN EXPOSURE: Wash the affected area with water for at least 15 minutes. Remove contaminated clothes if necessary. Seek medical assistance if irritation persists.

INHALATION: (For dust or fume) Remove the victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing or coughing. In such cases seek immediate medical assistance.

INGESTION: Seek medical attention immediately. Keep the victim calm. Give the victim water (only if conscious). Induce vomiting only if directed by medical personnel.