

Merck Beryllium 1000 ppm Element Standard for ICP-MS

INGREDIENTS	CAS NO	%	8HR OEL
beryllium	7440-41-7	0.1	0.002 mg/m3
EPI-CARB -F (Calcium Carbonate)	471-34-1	2	10 mg/m3
Water	7732-18-5	>60	-
NITRIC ACID	7697-37-2	Not Spec	5.2 mg/m3



UN No: **3264**
 Hazchem Code: **2X**
 DG Class: **8**
 Subsidiary Risk: **None**
 Packing Group: **III**
 Poisons Schedule: **S5**

**NFPA Rating:**

- ▶ **0:** Minimum
- ▶ **1:** Low
- ▶ **2:** Moderate
- ▶ **3:** High
- ▶ **4:** Extreme

HEALTH HAZARD INFORMATION**Acute Health Effects:**

Harmful by inhalation.
 Causes burns.
 Risk of serious damage to eyes.

Chronic Health Effects:

May cause **CANCER** by inhalation.
 * – *limited evidence*

PRECAUTIONS FOR USE**Appropriate engineering controls:**

Local Exhaust Ventilation recommended.

Glasses:

Consider full face-shield.

Gloves:

1.BUTYL 2.NEOPRENE 3.HYPALON

Respirator:

Type E-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

Storage and Transportation:

Store in cool, dry, protected area. Restrictions on Storage apply. Refer to Full Report. Use only in well ventilated areas. Dispose of this material and its container at hazardous or special waste collection point. Keep locked up. Keep out of reach of children. Keep away from living quarters. Keep away from food, drink and animal feeding stuffs.

Fire/Explosion Hazard:

Attacks metals to liberate hydrogen. Use only in well ventilated areas. Dispose of this material and its container at hazardous or special waste collection point.

PROPERTIES

Liquid. Mixes with water. Corrosive. Acid. Does not burn.

EMERGENCY**FIRST AID****Swallowed:**

Give water (if conscious). **URGENT MEDICAL ATTENTION.**

Eye:

Wash with running water (15 mins). Medical attention.

Skin:

Flood body with water. Remove contaminated clothing. Wash with water

Inhaled:

Fresh air. Rest, keep warm. If breathing shallow, give oxygen. Medical attention.

Advice To Doctor:

Airway problems - 100% O2. Treat burns as thermal. Retract eyelids - irrigate 30 mins. Retract eyelids/ Irrigate 30 mins.

Fire Fighting:

Keep surrounding area cool. Water spray/fog.

Spills and Disposal:

Prevent from entering drains. Contain spillage by any means. Absorb with dry agent. Neutralize with soda ash/ lime. Stop leak if safe to do so. Use only in well ventilated areas. Dispose of this material and its container at hazardous or special waste collection point. This material and its container must be disposed of in a safe way. To clean the floor and all objects contaminated by this material, use water.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS

Explosive Radioactive

x

x

x — Must not be stored together