

## Criterion Catalysts & Technologies Z-513 Catalyst

INGREDIENTS	CAS NO	%	8HR OEL
tungsten(VI) oxide	1314-35-8	20-30	5 mg/m3
carbon, activated	7440-44-0	<10	2 mg/m3
silica amorphous	7631-86-9	20-30	10 mg/m3
nickel oxide	1313-99-1	<10	-

UN No: **Not Applicable**  
 Hazchem Code: **Not Applicable**  
 DG Class: **Not Applicable**  
 Subsidiary Risk: **Not Applicable**  
 Packing Group: **Not Applicable**  
 Poisons Schedule: **Not Applicable**



### NFPA Rating:

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

### HEALTH HAZARD INFORMATION



**Acute Health Effects:** Harmful if swallowed.  
 May cause SENSITISATION by skin contact.

**Chronic Health Effects:** Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
 May cause CANCER by inhalation.

\* – limited evidence

### PRECAUTIONS FOR USE



**Appropriate engineering controls:** Local Exhaust Ventilation recommended.

**Glasses:** Consider chemical goggles.

**Respirator:** Particulate. (AS/NZS 1716 & 1715, EN 143:000 & 149:001, ANSI Z88 or national equivalent)

**Storage and Transportation:** Store in cool, dry, protected area. Dispose of this material and its container at hazardous or special waste collection point. Keep out of reach of children. Keep away from food, drink and animal feeding stuffs.

**Fire/Explosion Hazard:** Dispose of this material and its container at hazardous or special waste collection point.

### PROPERTIES



Solid. Does not mix with water. Floats on water. Does not burn.

### EMERGENCY



### FIRST AID

<b>Swallowed:</b>	If more than 15 mins from Doctor, INDUCE VOMITING (if conscious).
<b>Eye:</b>	Wash with running water (15 mins). Medical attention.
<b>Skin:</b>	Remove contaminated clothing. Wash with soap & water.
<b>Inhaled:</b>	Fresh air. Rest, keep warm. If breathing shallow, give oxygen. Medical attention.
<b>Advice To Doctor:</b>	Treat symptomatically.
<b>Fire Fighting:</b>	Keep surrounding area cool. Water spray/fog.
<b>Spills and Disposal:</b>	Avoid dust. Sweep shovel to safe place. 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 and detergent.

### SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS



Explosive Radioactive

x x

x — Must not be stored together