

Processing Catalyst UOP TypeS-12/12(L),S-120 Tops

INGREDIENTS	CAS NO	%	8HR OEL
molybdenum(VI) oxide	1313-27-5	10-20	10 mg/m3
cobalt (II) oxide	1307-96-6	1-6	-
aluminium oxide	1344-28-1	75-90	10 mg/m3



UN No: 3077
 Hazchem Code: 2Z
 DG Class: 9
 Subsidiary Risk: **Not Applicable**
 Packing Group: III
 Poisons Schedule: **Not Applicable**



NFPA Rating:

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

HEALTH HAZARD INFORMATION



Acute Health Effects:

Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
 May cause SENSITISATION by skin contact.

Chronic Health Effects:

Danger of cumulative effects.
 Limited evidence of a carcinogenic effect.
 Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.

* – 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.
 Restrictions on Storage apply. Refer to Full Report.

Fire/Explosion Hazard:

Vapours/gas heavier than air.
 Toxic smoke/fumes in a fire.

Environment:

Toxic to aquatic organisms.
 May cause long-term adverse effects in the aquatic environment. Use appropriate container to avoid environmental contamination.
 Avoid release to the environment. Refer to special instructions/Safety data sheets.

PROPERTIES



Does not mix with water.

EMERGENCY



FIRST AID

Swallowed: Give water (if conscious). Seek medical advice.

Eye: Wash with running water.

Skin: Remove contaminated clothing. Wash with soap & water.

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

Advice To Doctor: Deferoxamine is preferred chelator. Supportive care. "metal fume fever". Remove from exposure. Treatment is supportive.

Fire Fighting: Keep containers cool.
 Water spray/ fog.

Spills and Disposal: Pollutant.
 Prevent from entering drains.
 Contain spillage by any means.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS



Flammable Explosive Radioactive Oxidizing

x x x x

x — Must not be stored together