

Reagecon 0.1M Tetrabutylammonium Hydroxide

INGREDIENTS	CAS NO	%	8HR OEL
Toluene (Reference Fuel)	108-88-3	>50	191 mg/m3
METHANOL	67-56-1	3-10	262 mg/m3
tetrabutylammonium hydroxide 30-hydrate	2052-49-5	10	-



UN No: 2733
 Hazchem Code: •2WE
 DG Class: 3
 Subsidiary Risk: 8
 Packing Group: II
 Poisons Schedule: S6



NFPA Rating:

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

PROPERTIES



Liquid. Does not mix with water. Floats on water. Corrosive. Alkaline. Highly flammable.

EMERGENCY



FIRST AID

Swallowed:	Give water (if conscious). URGENT MEDICAL ATTENTION. Do NOT give milk or oil. Do NOT give alcohol.
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 breath shallow, give oxygen. Medical attention.
Advice To Doctor:	Supportive care. Irrigate eyes with saline. Supportive care. Evaluate for respiratory distress. Consider lavage with cuffed tube. NO adrenalin. Decontaminate with ipecac or lavage. Ethanol therapy.
Fire Fighting:	Keep containers cool. Foam.
Spills and Disposal:	Spilled liquid has low boiling temperature and evaporates quickly. Eliminate ignition sources. Control vapour with water spray/ fog. Absorb with dry agent. Stop leak if safe to do so. Take precautionary measures against static discharges. 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



Flammable	Explosive	Toxic	Radioactive	Oxidizing
x	x	x	x	x

x — Must not be stored together

HEALTH HAZARD INFORMATION



Acute Health Effects:

Harmful by inhalation.
 Harmful in contact with skin.
 Harmful if swallowed.
 Causes burns.
 Toxic: Danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
 Risk of serious damage to eyes.
 HARMFUL-May cause lung damage if swallowed.
 Vapours may cause drowsiness and dizziness.

Chronic Health Effects:

Harmful: danger of serious damage to health by prolonged exposure through inhalation.
 Possible risk of harm to the unborn child.

* — limited evidence

PRECAUTIONS FOR USE



Appropriate engineering controls:

Local Exhaust Ventilation recommended.

Glasses:

Consider full face-shield.

Gloves:

1.PE/EVAL/PE 2.TEFLON 3.VITON

Respirator:

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

Storage and Transportation:

Restrictions on Storage apply. Refer to Full Report. Take precautionary measures against static discharges. 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 container in a well ventilated place. Keep away from food, drink and animal feeding stuffs. Keep away from sources of ignition. No smoking.

Fire/Explosion Hazard:

HIGHLY FLAMMABLE. Toxic smoke/fumes in a fire. Take precautionary measures against static discharges. Dispose of this material and its container at hazardous or special waste collection point. In case of fire and/or explosion, DO NOT BREATHE FUMES.

Environment:

Toxic to aquatic organisms. Use appropriate container to avoid environmental contamination.