

Fisher Scientific Potassium Hydroxide Solution (0.1N In Isopropanol)

INGREDIENTS	CAS NO	%	8HR OEL
ISOPROPYL ALCOHOL	67-63-0	>90	983 mg/m3
POTASSIUM HYDROXIDE	1310-58-3	0.55	-



UN No: **2924**
 Hazchem Code: **•3WE**
 DG Class: **3**
 Subsidiary Risk: **8**
 Packing Group: **II**
 Poisons Schedule: **Not Applicable**



NFPA Rating:

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

PROPERTIES



Liquid. Mixes with water. Corrosive. Highly flammable. May form explosive peroxides.

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 breath shallow, give oxygen. Medical attention.
Advice To Doctor:	Severe exposure indicated by respiratory distress/hypotension. Management is essentially supportive.
Fire Fighting:	Keep containers cool. Water spray/ fog. Foam - alcohol type.
Spills and Disposal:	Eliminate ignition sources. Prevent from entering drains. Contain spillage by any means. 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.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS

Explosive	Toxic	Radioactive	Oxidizing
x	x	x	x

x — Must not be stored together

HEALTH HAZARD INFORMATION



Acute Health Effects: Causes burns. Risk of serious damage to eyes. Vapours may cause drowsiness and dizziness.

Chronic Health Effects: Harmful: danger of serious damage to health by prolonged exposure through inhalation. Possible risk of impaired fertility. 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.NEOPRENE 2.NITRILE 3.PVC
Respirator:	Type A 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 sources of ignition. No smoking. Handle and open container with care.
Fire/Explosion Hazard:	HIGHLY FLAMMABLE. Vapours/gas heavier than air. 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.