

Nessler Reagent

INGREDIENTS	CAS NO	%	8HR OEL
mercuric iodide	7774-29-0	<15	0.025 mg/m3
sodium hydroxide	1310-73-2	<15	N/A



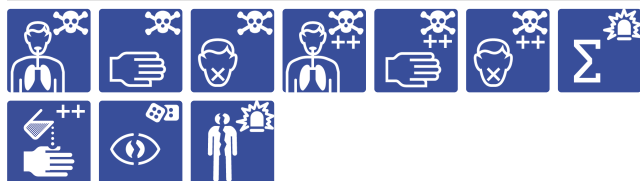
UN No: 2024
 Hazchem Code: 2X
 DG Class: 6.1
 Subsidiary Risk: **Not Applicable**
 Packing Group: II
 Poisons Schedule: S6



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, in contact with skin and if swallowed.
 Very toxic by inhalation, in contact with skin and if swallowed.
 Causes severe burns.
 Risk of serious damage to eyes.

Chronic Health Effects:

Danger of cumulative effects.
 Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.

* – limited evidence

PROPERTIES



Liquid.
 Mixes with water.
 Alkaline. Does not burn.

EMERGENCY



FIRST AID

Swallowed:

Contact Doctor or Poisons Centre.
 Do NOT induce vomiting. Give water (if conscious)

Eye:

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

Skin:

Wipe-off with clean/dry cloth. Remove contaminated clothing. Wash with water & soap.
MEDICAL ATTENTION.
 For burns: Immerse in cold running water (15 mins).
 Bandage lightly. **MEDICAL ATTENTION.**

Inhaled:

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

Advice To Doctor:

Supportive care. Irrigate eyes with saline.
 Supportive care.
 Emesis or lavage for acute symptoms. Charcoal interrupts absorption.

Fire Fighting:

Keep surrounding area cool. Water spray/fog.

Spills and Disposal:

Pollutant.
 Prevent from entering drains.
 Contain spillage by any means.
 Absorb with dry agent.
 Stop leak if safe to do so.

PRECAUTIONS FOR USE



Appropriate engineering controls:

General Exhaust Ventilation adequate.

Glasses:

Safety Glasses.

Gloves:

1.BUTYL 2.NAT, NEOPR, NITRILE

Fire/Explosion Hazard:

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.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS



Flammable

x



Explosive

x



Radioactive

x



Oxidizing

x

x — Must not be stored together