

## Sigma-Aldrich Hydranal Coulomat AG

INGREDIENTS	CAS NO	%	8HR OEL
diethanolamine	111-42-2	5-20	13 mg/m3
sulfur dioxide	7446-09-5	5-10	5.2 mg/m3
methanol	67-56-1	>60	262 mg/m3
imidazole	288-32-4	5-15	-



UN No: **1230**  
 Hazchem Code: **\*2WE**  
 DG Class: **3**  
 Subsidiary Risk: **6.1**  
 Packing Group: **II**  
 Poisons Schedule: **6**



## NFPA Rating:

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

## PROPERTIES



Liquid.  
 Alkaline. Highly flammable.

## EMERGENCY



## FIRST AID

<b>Swallowed:</b>	If more than 15 mins from Doctor, INDUCE VOMITING (if conscious). Do NOT give milk or oil. Do NOT give alcohol.
<b>Eye:</b>	Wash with running water (15 mins). Medical attention.
<b>Skin:</b>	Wipe-off with clean/dry cloth. Remove contaminated clothing. Wash with water & soap. MEDICAL ATTENTION.
<b>Inhaled:</b>	Fresh air. Rest, keep warm. If breath shallow, give oxygen. Medical attention.
<b>Advice To Doctor:</b>	Supportive care. Irrigate eyes with saline. Supportive care. Decontaminate with ipecac or lavage. Ethanol therapy.
<b>Fire Fighting:</b>	Water spray/ fog. Foam - alcohol type.
<b>Spills and Disposal:</b>	Spilled liquid has low temperature and evaporates quickly. Eliminate ignition sources. Consider evacuation. Prevent from entering drains. Contain spillage by any means. Absorb with dry agent. Stop leak if safe to do so. This material and its container must be disposed of in a safe way.

## 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: danger of serious damage to health by prolonged exposure if swallowed.  
 Toxic by inhalation, in contact with skin and if swallowed.  
 Irritating to respiratory system and skin.  
 Toxic: Danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.  
 Risk of serious damage to eyes.

## Chronic Health Effects:

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

\* — limited evidence

## PRECAUTIONS FOR USE



## Appropriate engineering controls:

Local Exhaust Ventilation recommended.

## Glasses:

Consider chemical goggles.

## Gloves:

1.BUTYL 2.SARANEX-23 3.TEFLON

## Respirator:

Type BEKAX-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.  
 Keep locked up.  
 Keep out of reach of children.  
 Keep away from living quarters.  
 Keep container tightly closed.  
 Keep container dry.  
 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.  
 Reacts with water.  
 In case of fire and/or explosion, DO NOT BREATHE FUMES.

## Environment:

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