

PHENOL

Component in Trizol and QIAzol

Odor: sweet, tar-like

HAZARDS



TOXIC if inhaled, ingested, or absorbed through skin

CAN BE READILY ABSORBED THROUGH SKIN

CORROSIVE - CAUSES SEVERE SKIN BURNS & SEVERE EYE DAMAGE

ANESTHETIC EFFECT – burn may not be immediately noticeable due to numbness



SAFE HANDLING

NEVER WORK ALONE

ALWAYS USE A FUME HOOD

PPE: wear safety glasses or chemical splash goggles, lab coat and double nitrile gloves. A faceshield & utility grade glove may be necessary for some tasks.



Emergency Response

RAPID AND IMMEDIATE SKIN & EYE DECONTAMINATION IS CRITICAL

ALWAYS SEEK MEDICAL ATTENTION IMMEDIATELY AFTER AN EXPOSURE

SKIN EXPOSURE

- Remove contaminated clothing
- Swab area repeatedly with PEG 300/400, changing out with fresh swabs frequently
- Continue PEG swabbing until EMS arrives or odor is no longer detectable
- Use emergency shower for 15 minutes if no PEG is available

EYE EXPOSURE

- Immediately flush eyes in emergency eyewash for 15 minutes

MEDICAL ATTENTION:

- For significant exposures - contact 911 immediately
- All other exposures - follow up at YHHH emergency room after PEG treatment or emergency shower

PEG Treatment Kit Location:

Contact EHS Emergency Line (203-785-3555) for all large spills or those outside a fume hood

