

7.02 STANDARD OPERATING PROCEDURE**Methanol; CH₃OH
CAS # 67-56-1**

HAZARDS: Same as "Ethanol, Denatured"

PROTECTIVE EQUIPMENT: Goggles, gloves

USE AND HANDLING PROCEDURES: Used at 50% concentration (with 10% acetic acid) for staining and destaining SDS-PAGE gels, and at 20% concentration for Western blots (in Blotting Buffer). Also found in the BioRad Dye Reagent. Keep away from flames.

DISPOSAL: Pour into a break-resistant screw-cap solvent waste container labeled "Methanol + Acetic acid" or "Methanol + Phosphoric acid" under the hood; when full, it should be removed by the Safety office. Liquids containing methanol should not go down the drain.

SPILL CLEANUP: Extinguish all sources of ignition. If it is a small volume (<100 ml) under the hood, it should evaporate quickly. If it is a larger volume under the hood, or a small volume outside the hood, use the solvent spill kit (in Alcove 1). If a large volume of straight methanol spills outside the hood, evacuate the lab and call 100 (danger of explosion). If it is a component in one of the mixtures mentioned in the "Use and Handling" section, danger of explosion is very slight, and it can be cleaned up with the Solusorb.