

7.02 STANDARD OPERATING PROCEDURE**Isopropanol; C₃H₈O
CAS # 0067-63-0****HAZARDS:****Health:** Irritant (1), Poison (3), Flammable (7)*Inhalation:* Irritates, is narcotic; blindness, CNS depression, headache, dizziness, stupor, areflexia, diuresis, coma, heart arrhythmia, respiratory paralysis, shock, renal damage, death*Skin and eyes:* irritant; contact dermatitis; conjunctivitis, iritis, corneal opacity may be absorbed, resulting in the above effects*Ingestion:* gastritis, vomiting, hemorrhage, as well as the same effects of inhalation*Treatment:* In case of eye contact, flush with cold water for 15 minutes and get medical attention. In case of skin contact, flush with cold water. In case of ingestion, induce vomiting if conscious. Seek medical help quickly.**Flammability:** Severe (7); Flash point 12°C**Incompatibilities:** Oxidizers, aluminum, acetaldehyde, chlorine, ethylene oxide, isocyanates, phosgene, oleum, perchloric acid, heat, ignition sources.**PROTECTIVE EQUIPMENT:** Goggles, gloves**USE AND HANDLING PROCEDURES:** Keep large volumes (>200 ml) or any volume of straight isopropanol under hood or in Flammables cabinet. Used at 100% for miniprepping plasmid DNA from bacteria in RDM and for RNA extraction in the Development section. Aliquot to covered tubes under the hood. Keep away from sources of ignition. Cover stock bottle tightly and return to Flammables Cabinet promptly.**DISPOSAL:** Pour into a break-resistant screw-cap solvent waste container under the hood and have it removed by the Safety office. Liquids containing isopropanol 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 spills outside the hood, evacuate the lab and call 100 (danger of explosion).