

7.02 STANDARD OPERATING PROCEDURE

Ammonium sulfate; $(\text{NH}_4)_2\text{SO}_4$
CAS # 7783-20-2

HAZARDS:**Health:** Irritant (1)*Inhalation:* irritates lungs*Skin and eyes:* irritant*Ingestion:* irritates gastrointestinal tract*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.**Flammability:** none**Incompatibilities:** zinc & copper (strong oxidizing agent)**PROTECTIVE EQUIPMENT:** Goggles if contacts are worn; glasses, gloves, particle mask if working with the solid form**USE AND HANDLING PROCEDURES:** Saturated ammonium sulfate (43% in water is 100% of saturation at room temperature) is used to separate soluble proteins by their isoelectric points. Do not shake the saturated solution.**DISPOSAL:** No special procedure; drain is okay**SPILL CLEANUP:** Wear appropriate protective equipment, sweep up if solid, or soak up with sponge or paper towels and discard if liquid.