

Chemicals Used in Meth Production and Associated Risk									
Chemical	Commonly Sold/ Found As	Usage	Health Hazards	Poison	Flammable	Toxic Vapors	Explosive	Corrosive	Skin Absorption
Acetone	Paint Thinner, Nail Polish Remover	Solvent	Reproductive disorders; skin and tissue irritation	●	●	●			●
Ammonium Nitrate	Instant Ice Packs, Fertilizer		Eye and lung irritant; skin irritant, permeator; ingestion of large amounts cause stomach irritation	●	●		●		●
Anhydrous Ammonia	Farm Nurse Tanks	Reagent	Freezes and burns skin; destroys mucous membranes; causes asphyxia	●		●		●	●
Camping Fuel	Coleman Fuel	Solvent	Skin irritation	●	●		●		
Ether	Starter Fluid	Solvent	Respiratory failure	●	●		●		
Hydriodic Acid	Sold commercially as lab grade	Reagent	Burns; thyroid damage; lung damage	●		●		●	●
Hydrogen Chloride Gas	Sold commercially as lab grade	Reagent	Respiratory failure; liver damage	●		●	●	●	●
Hydrogen Peroxide	First Aid Antiseptic (3%)	Reagent	Skin and eye irritant and corrosive; lung sensitizer	●					●
Iodine	7% Iodine Tincture	Reagent	Extremely hazardous in case of skin or eye contact	●	●			●	●
Isopropyl Alcohol	Rubbing Alcohol	Solvent	Eye, lung and stomach irritant; somewhat hazardous in case of skin contact (irritant, sensitizer, permeator)	●	●		●		●
Lithium Metal	Lithium Batteries	Reagent	Burns; lung damage	●			●	●	●
Methanol	HEET	Solvent	Blindness	●	●	●			●
Mineral Spirits	Paint Thinner	Solvent	Eye and lung irritation	●	●	●	●		
Muriatic Acid	Pool Cleaner/ Concrete Etcher	Reagent	Burns; toxic vapors	●		●		●	
Pseudoephedrine	Decongestant (e.g., Sudafed)	Precursor	Unknown						
Red Phosphorous	Striker Plates on Matches and Road Flares	Reagent	Irritant; produces phosphine gas	●		●			
Sodium Hydroxide	Drain Cleaner (e.g., Drano)	Reagent	Burns	●				●	●
Sodium Metal	Sold commercially as lab grade	Reagent	Eye and tissue burns; temporary hair loss	●	●	●			●
Sulfuric Acid	Drain Cleaner (e.g., Liquid Fire)	Reagent	Very hazardous in case of skin or eye contact; may produce severe irritation of respiratory tract	●			●	●	●
Toluene	Paint Thinner	Solvent	Hazardous in case of skin or eye contact	●	●	●		●	●

Source: U.S. EPA Voluntary Guidelines for Methamphetamine and Fentanyl Laboratory Cleanup REVISED EDITION AUGUST 2021  
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