

## HEXANE

**Synonyms:** n-Hexane, Hexyl Hydride, Normal-Hexane

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/ SYMPTOMS	PREVENTION	FIRST AID/ FIRE FIGHTING
<b>FIRE</b>	Highly flammable.	NO open flames, NO sparks, and NO smoking.	Powder, AFFF, foam, carbon dioxide.
<b>EXPLOSION</b>	Vapor/air mixtures are explosive.	Closed system, ventilation, explosion-proof electrical equipment and lighting. Do NOT use compressed air for filling, discharging, or handling. Use non-sparking handtools.	In case of fire: keep drums, etc., cool by spraying with water.
<b>EXPOSURE</b>			
<b>•INHALATION</b>	Dizziness. Drowsiness. Dullness. Headache. Nausea. Weakness. Unconsciousness.	Ventilation, local exhaust, or breathing protection.	Fresh air, rest. Refer for medical attention.
<b>•SKIN</b>	Dry skin. Redness. Pain.	Protective gloves (Nitrile)	Remove contaminated clothes. Rinse and then wash skin with water and soap. Refer for medical attention.
<b>•EYES</b>	Redness. Pain.	Safety goggles face shield or eye protection.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
<b>•INGESTION</b>	Abdominal pain. (Further see Inhalation).	Do not eat, drink, or smoke during work.	Rinse mouth. Do NOT induce vomiting. Rest. Refer for medical attention.

**CHEMICAL DANGERS:** Reacts with strong oxidants causing fire and explosion hazard. Attacks some plastics, rubber and coatings.

**PHYSICAL DANGERS:** The vapor is heavier than air and may travel along the ground; distant ignition possible.

**Storage:** Store inside fireproof cabinets and get separated from strong oxidizers.

**Handling, Containment Devices and PPE:** Use in an exhaust hood with nitrile chemical resistant gloves (if heavy exposure is anticipated contact Safety and Health for other glove options) and chemical goggles. If a splash hazard to the face is present, a face shield is also required.

**Waste Disposal:** Collect and store in glass container labeled with the following "Hazardous Waste – Hexane." Call Safety and Health at x5069 on the Health Science Campus and x3600 on the Main Campus for pick up.

**Emergency Spill Procedures and Decontamination:** Call x77 on the Health Science Campus and x2600 for Campus Police on the Main Campus.