

HEXANE

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

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/ SYMPTOMS	PREVENTION	FIRST AID/ FIRE FIGHTING
FIRE	Highly flammable.	NO open flames, NO sparks, and NO smoking.	Powder, AFFF, foam, carbon dioxide.
EXPLOSION	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.
EXPOSURE			
•INHALATION	Dizziness. Drowsiness. Dullness. Headache. Nausea. Weakness. Unconsciousness.	Ventilation, local exhaust, or breathing protection.	Fresh air, rest. Refer for medical attention.
•SKIN	Dry skin. Redness. Pain.	Protective gloves (Nitrile)	Remove contaminated clothes. Rinse and then wash skin with water and soap. Refer for medical attention.
•EYES	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.
•INGESTION	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 Campus Police at x2600.