



TRANSPORT EMERGENCY CARD
(ROAD)

AMMONIA ANHYDROUS

CAS No.: 7664 – 41 - 7

SYNONYMS: Liquefied Ammonia, NH₃, Liquid Ammonia, Liquefied Ammonia, Ammonia Gas

LIQUEFIED AMMONIA has pungent odour and is in liquid form under high pressure and very low temperature.

Nature of Hazards: Heating will cause pressure rise, severe risk of bursting and explosion. The vapor and mist has strongly irritating effects on eyes, skin and respiratory tract. The liquid causes severe burns to the body parts on contact. Spilled liquid is at very low temperature which quickly evaporates and spreads in atmosphere.

Protective Devices: Use Ammonia canister Mask or Self Contained Breathing Apparatus (SCBA) for respiratory protection or suitable respiratory protective devices, goggles giving complete protection to eyes, PVC or rubber gloves, boots, suits and hood for complete protection of body and Eye-wash bottle containing clean water.

Emergency Action: If possible move vehicle to open ground. Stop the engine. Mark roads and warn other road users. Keep public away from danger area. Keep the persons up-wind if possible or do not face the wind coming in from the direction of leak or spillage. Put on protective devices.

Spillage: If vapor clouds drifts towards populated area, warn inhabitants. Contain leaking liquid with sand or earth. If this not practicable, use water spray to knock down the vapour.

Fire: Keep containers cool by spraying with water if exposed to fire.

First Aid: Remove contaminated clothing immediately and wash affected skin with plenty of water. If Ammonia vapours get in to eyes, wash eyes with plenty of water for at least 15 minutes. Seek medical treatment when anyone has symptoms apparently due to inhalation or contact with skin or eyes. Persons who have inhaled the gas must lie down and keep still. Keep patients warm. Do not apply artificial respiration if patient is breathing.

Additional Information: Do not mishandle Ammonia Cylinders. Protect them from any source of heat as Ammonia has a very high vapour pressure which rises rapidly with temperature. Cylinders should not be laden above the height of truck body and no part of cylinder should project outside the truck body.

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