



Sulfuric Acid

battery acid; hydrogen sulfate; sulphuric acid

DANGER! CORROSIVE!

Emergency Overview:

Colorless to dark-brown, oil, odorless liquid. Corrosive, causes severe burns to eyes/skin/respiratory tract. May cause blindness. Chronic: tooth erosion, GI disturbances, and dermatitis. Reaction with water produces excessive heat.

Precautionary Measures: Avoid exposure to skin. Wear protective clothing: Goggles, Face Shield, Gloves, Full Suit, Boots.

First Aid Procedures: Inhalation: Remove to fresh air and support breathing as needed. Eyes/Skin: Remove contaminated clothing. Flush with plenty of water for at least 15 minutes. Ingestion: Do not induce vomiting. Consult physician immediately.

Fire Procedures: Noncombustible. Use extinguishing agents suitable for surrounding area. However, avoid water: contact with sulfuric acid can generate sufficient heat to ignite combustibles.

Spill Procedures: Notify safety personnel, isolate and ventilate area, deny entry, stay upwind. Neutralize with sodium bicarbonate. Take up with inert material such as sand or vermiculite. Cleanup crew should protect against exposure.

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