

MATERIAL SAFETY DATA SHEET

CHEMICAL NAME & SYNONYMS HYDROGEN PEROXIDE		FLINN CATALOG NUMBER H0008, H0009, H0028, H0029, H0037, H0038
FORMULA H₂O₂	FORMULA OR ATOMIC WEIGHT 34.02	CAS NUMBER 7722-84-1
PHYSICAL DATA (DENSITY, SOLUBILITY, ETC.) Specific Gravity: 1.112 Melting Point: -25 C Soluble in water and alcohol.		
APPEARANCE AND ODOR Clear colorless liquid. Odorless.		
COMPATIBLE CHEMICAL FAMILY Inorganic #6 See Flinn Chemical Catalog/Reference Manual	DOT CLASS Oxidizer	REACTIVITY Unstable
CONDITIONS TO AVOID (IF ANY): Avoid contact with skin, eyes, and mucous membranes. Keep away from reducing agents and oxidizable materials. Avoid heating this substance. Avoid inhalation.		
HEALTH HAZARDS (IF ANY): Corrosive to skin, eyes and respiratory tract. Severe irritant, vapor irritating. Causes severe burns. Not all health aspects of this substance have been fully investigated.		THRESHOLD LIMIT VALUE (TLV) IF ESTABLISHED 1 ppm in air
FIRE HAZARDS (IF ANY): Dangerous fire and explosion risk. Do not heat. Very strong oxidizer. Releases oxygen upon decomposition.		
SPILLS AND LEAKS: Absorb on sand or vermiculite. Place in a suitable container. Use the disposal method listed on the right.		DISPOSAL METHOD 22a See Flinn Chemical Catalog Reference Manual
SPECIAL PRECAUTIONS (IF ANY): Wear chemical gloves and goggles. Use and dispense only in a fume hood. Practice strict hygiene when using this material.		
FIRST AID (IF SUBSTANCE DANGEROUS): External: Wash affected parts with copious quantities of water. Internal: Wash mouth; see a physician. Eyes: Wash continuously for 15 minutes. See a physician. Respiratory: Transport to fresh air.		
<p align="center">Consult your copy of the Flinn Chemical Catalog/Reference Manual for even more information about laboratory chemicals</p>		

LIMIT OF LIABILITY — NO WARRANTY

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This form adapted from USDL form LSD-005-4.

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Materials listed in this MSDS are classified in accordance with the definitions set forth in 29CFR parts 1915, 1916 and 1917.

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