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ALDRICH CHEMICAL CO INC SUB OF SIGMA-CHEMICAL CORP -- HYDROGEN PEROXIDE, 30 WT.% SOLUTION IN WATER, A.C.S. REAGENT -- 6810-01-446-7539

========== Product Identification =============

Product ID:HYDROGEN PEROXIDE, 30 WT.% SOLUTION IN WATER, A.C.S. REAGENT

MSDS Date:05/13/1987

FSC:6810

NIIN:01-446-7539

MSDS Number: CFZDW === Responsible Party ===

Company Name: ALDRICH CHEMICAL CO INC SUB OF SIGMA-CHEMICAL CORP

Ad

dress:1001 W ST PAUL AVE

Box:355

City:MILWAUKEE

State:WI ZIP:53201 Country:US

Info Phone Num:414-273-3850

Emergency Phone Num:414-273-3850

CAGE:60928

=== Contractor Identification ===

Company Name: ALDRICH CHEMICAL CO INC

Address:1001 WEST ST PAUL AVE

Box:355

City:MILWAUKEE

State:WI ZIP:53233 Country:US

Phone:414-273-3850

CAGE:60928

======= Composition/Information on Ingredients ========

Ingred Name: HYDROGEN PEROXIDE (SARA 302)

CAS:7722-84-1

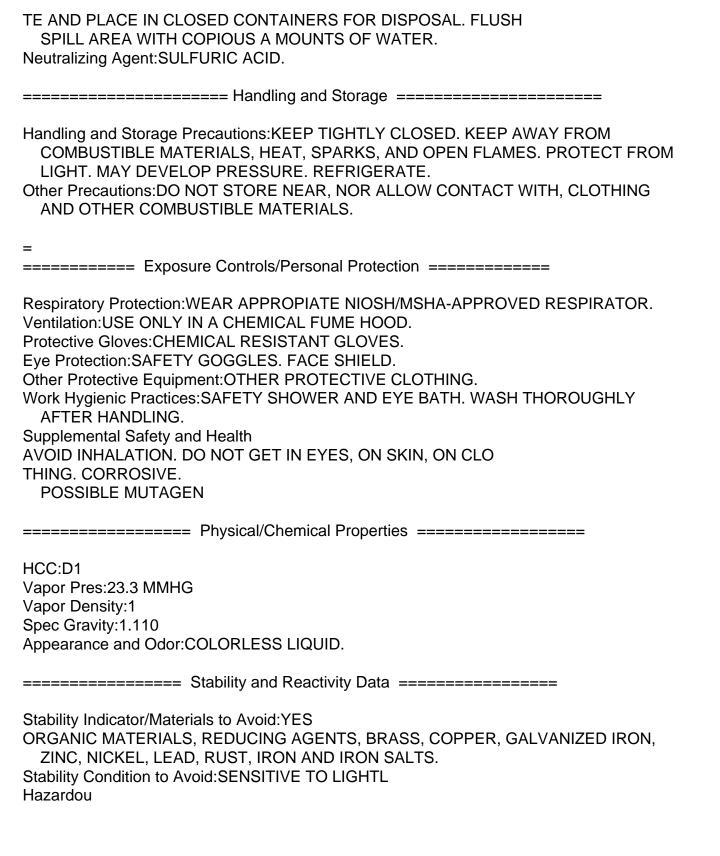
RTECS #:MX0900000 Fraction by Wt: 100%

0

OSHA PEL:1 PPM ACGIH TLV:1 PPM; 9596 ========== Hazards Identification =========================== Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic: HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. MATERIAL IS EXTREMELY DESTRUCTIVE TO TISSUE OF THE MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT, EYES AND SKIN. INHALATION MAY RESULT IN SPASM, INF LAMMATION AND EDEMA OF THE LARYNX ANDBRONCHI, CHEMICAL PNEUMONITIS AND PULMONARY EDEMA. Explanation of Carcinogenicity: NOT CARCINOGENIC. Effects of Overexposure: MAY INCLUDE BURNING SENSATION, COUGHING, WHEEZING, LARYNGITIS, SHORTNESS OF BREATH, HEADACHE, NAUSEA AND VOMITING. Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER. First Aid: CONTACT-IMMEDIATELY FLUSH EYES/SKIN WITH COPIOUS AMOUNTS OF WATER FOR 15 MIN WHILE REMOVING CONTAMINATED CLOTHING/SHOES. ASSURE ADEQUATE FLUSHING OF EYES BY SEPARATING THE EYELIDS WITH FINGERS. INHALE D-REMOVE TO FRESH AIR. IF NOT BREATHINGGIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SWALLOWED-WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS, CALL A PHYSICIAN. Flash Point:NONE Extinguishing Media:WATER SPRAY. STRONH OXIDIZER. Fire Fig hting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES. Unusual Fire/Explosion Hazard:STRONG OXIDIZER. CONTACT WITH OTHER MATERIAL MAY CAUSE FIRE. CONTAINER EXPLOSION MAY OCCUR UNDER FIRE CONDITIONS. ========= Accidental Release Measures ================ Spill Release Procedures: EVACUATE AREA. WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES. ABSORB ON SAND OR

ther REC Limits: NONE RECOMMENDED

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s Decomposition Products:OXYGEN AND WATER.

====== Disposal Considerations ==========

Waste Disposal Methods:CAUTIOUSLY ACIDIFY A 3% SOLUTION OR A SUSPENSION OF THE MATERIAL TO PH 2 WITH SULFURIC ACID. GRADUALLY ADD A 50% EXCESS OF AQUEOUS SODIUM BISULFITE WITH STIRRING AT ROOM TEMPERATURE. IF NO REACTION OB SERVED, CAUTIOUSLY ADD MORE ACID. DESTROY EXCESS.

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