

GREAT WESTERN CHEMICAL CO -- HYDROGEN PEROXIDE 50% -- 6810-01-353-4876

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Product Identification
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Product ID:HYDROGEN PEROXIDE 50%
MSDS Date:05/20/1991
FSC:6810
NIIN:01-353-4876
MSDS Number: BTDDJ
=== Responsible Party ===
Company Name:GREAT WESTERN CHEMICAL CO
Address:808 SW 15TH AVE
City:PORTLAND
State:OR
ZIP:97205
Country:5S
Info Phone Num:503-228-2600
Emergency Phone Num:503-228-260
0/800-424-9300(CHEMTREC)
Preparer's Name:ED DOHENY
CAGE:GREA1
=== Contractor Identification ===
Company Name:GREAT WESTERN CHEMICAL CO
Address:808 S W 15 AVE
City:PORTLAND
State:OR
ZIP:97205
Country:US
Phone:503-228-2600
CAGE:GREA1

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Composition/Information on Ingredients
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Ingred Name:HYDROGEN PEROXIDE (SARA III)
CAS:7722-84-1
RTECS #:MX0900000
Fraction by Wt: 50% MIN
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 PPM
ACGIH TLV:1 PPM; 9394

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Haza

Product Identification =====

LD50 LC50 Mixture:NOT ESTABLISHED ON THIS PRODUCT.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:HARMFUL IF INHALED OR

SWALLOWED. CAUSES SEVERE EYE & SKIN IRRITATION OR BURNS.

CHRONIC:REPEATED EXPOSURE MAY LEAD TO DERMATITIS WITH DESTRUCTION OF TISSUES, OTHERWISE SAME AS FOR OVEREXPOSURE.

Explanation of Carcinogenicity:PER MSDS MATERIAL NOT KNOWN

TO HAVE KNOWN

CARCINOGEN OR REPRODUCTIVE TOXIN.EXTREMELY SMALL AMOUNTS MAY BE PRESENT FROM GEN ERV SOURCE

Effects of Overexposure:CAUSES SEVERE EYE & SKIN IRRITATION OR BURNS.

HARMFUL IF SWALLOWED OR INHALED.

Medical Condition Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:EYE:IMMEDIATELY FLUSH WITH PLENTY OF CLEAN RUNNING WATER @ LEAST 15 MINUTES LIFTING EYELIDS.CALL DOCTOR IMMEDIATELY. SKIN:IMMEDIATELY FLUSH WITH PLENTY OF CLEAN RUNNING WATER

RESPIRATORY @ LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING/SHOES.

IF IRRITATION OCCURS GET MEDICAL ATTENTION. INGESTION:DO NOT INDUCE VOMITING.IMMEDIATELY DRINK LARGE QUANTITY OF MILK OR WATER.CALL DOCTOR.INHALATION:IMMEDIATELY REMOVE TO FRESH AIR.DON'T BREATHE.GIVE ARTIFICIAL RESPIRATION(MOUTH-TO-MOUTH).BREATHING DIFFICULT GIVE OXYGEN.CALL DOCTOR

===== Fire Fighting Measures =====

Extinguishing Media:WATER, FOAM, CARBON DIOXIDE, AND DRY CHEMICALS.

Fire Fighting Procedures:WHEN FIRE FIGHTING WEAR FULL PROTECTIVE EQUIPMENT, INCLUDING SELF-CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE/EXPLOSION HAZARD:MAY PRODUCE HAZARDOUS FUMES/HAZARDOUS DECOMPOSITION PRODUCTS.

STRONG OXIDIZER!CONTACT WITH FLAMMABLE/COMBUSTIBLE VAPORS & ORGANIC MATERIALS MAY INITIATE FIRE OR POSSIBLY AN EXPLOSION.SUPPORT COMBUSTION.

===== Accidental Release Measures =====

Spill Release Procedures:REMOVE IGNITION SOURCES.CONTAIN SPILL.SMALL: DILUTE WITH WATER.THEN ADD DRY MATERIAL TO CONTAIN.WEAR RECOMMENDED PROTECTIVE EQUIPMENT & EXPLOSION-PROOF EQUIPMENT TO REMOVE BULK OF

LIQ.DILUTE

REMAINDER W/WATER.THEN ADD DRY M ATL TO ABOSRB.PICKUP & CONTAINERIZE.FLUSH W/WATER.

Neutralizing Agent:WATER.

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===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL, WELL-VENTILATED AREA AWAY FROM HEAT & OXIDIZABLE ORGANIC MATERIALS, TIGHTLY CLOSED WHEN NOT IN USE.KEEP OUT OF REACH OF CHILDREN.

Other Precautions:WHEN EMPTY RINSE WELL CONTAINER W/WATER BEFORE DISPOSAL,RETURN TO MFG OR ANY OTHER INDUSTRIA

L USE.DON'T ALLOW MATL

TO STAND IN OPEN CONTAINER AS WATER EVAPORATION CAN OCCUR & MAY CONCEN PEROXIDE CONTE NT TO PT BECOMES SHOCK SENSIT & EXPLODE.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF THE OSHA-PEL IS EXCEEDED A NIOSH-APPROVED RESPIRATOR WITH SUPPLIED AIR OR A SCBA IS REQUIRED.

Ventilation:LOCAL EXHAUST REQUIRED.MECHANICAL(GEN) AS A SUPPLEMENT TO THE LOCAL EXHAUST SYSTEM.

Protective Gloves:RUBBER OR SYNTHETIC RUBBER.

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e Protection:CHEMICAL GOGGLES & FULL FACE SHIELD.

Other Protective Equipment:RUBBER OR PVC SLIKER SUITE, RUBBER BOOTS, EYEWASH, SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS AFTER HANDLING. AVOID EYE/SKIN/CLOTH CONTACT.WASH CONTAM CLOTH/SHOE PRIOR TO REUSE.

Supplemental Safety and Health

FOOD GRADE PRODUCTS ARE NOT FOR REPACKAGING. FOOD GRADE HYDROGEN PEROXIDE IS APPROVED BY FDA & USDA FOR CERTAIN INDUSTRIAL APPLICATIONS. IT IS NOT APPROVED FOR ANY THERAPEUTIC PURPOSE.

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===== Physical/Chemical Properties =====

HCC:D1

Boiling Pt:B.P. Text:237F,114C

Melt/Freeze Pt:M.P/F.P Text:-62F,-52C

Spec Gravity:1.195 @58F

pH:3-5

Solubility in Water:COMPLETE.

Appearance and Odor:CLEAR, COLORLESS LIQUID WITH A SLIGHTLY PUNGENT, IRRITATING ODOR.

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

ORGANICS OR OTHER FLAMM & COMBUSTIBLE MATL, CATALYTIC METALS, REDUCING AGENTS, & OTHER OXID

IZERS.

Stability Condition to Avoid:HOT STORAGE.

Hazardous Decomposition Products:DECOMPOSITION PRODUCES HEAT, STEAM, & LARGE VOLUMES OF OXYGEN.

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

Waste Disposal Methods:PRODUCT IF DISPOSED AS SHIPPED MEETS EPA CRITERIA OF HAZ WASTE AS SPECIFIED IN 40CFR261 ON BASIS OF IGNITABILITY.DISPOSE OF PRODUCT IN LICENSED HAZ WASTE DISPOSAL FACILITY IAW ALL APPLICABLE LAWS.COLLECT RINSATES FROM SPILLS FOR DISPOSAL OR SEWER,APP

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