

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: BTTDJ  
=== 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:503-228-2600/8  
00-424-9300(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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Hazards  
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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 MATL NOT MFG TO HAVE KNOWN

CARCINOGEN OR REPRODUCTIVE TOXIN.EXTREMELY SMALL AMTS MAY BE PRESENT FROM GEN ENVIRONMENT

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

HARMFUL IF SWALLOWED OR INHALED.

Medical Conditions Aggravated by Exposure:NONE SPECIFIED BY MFG.

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

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

LEAST 15MINUTES 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 DR.INHALATION:IMMEDIATELY REMOVE TO FRESH AIR.DON'T BREATHE GIVE ARTIFICIAL RESPIRATION(MOUTH-TO-MOUTH).BREATHING DIFFICULT GIVE OXYGEN.CALL DR

===== 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 LIQUID

Q.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 INDUSTRIAL U  
SE.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.

Eye P

rotection: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 OXIDIZE

RS.

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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