

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

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

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:503-228-2600/8

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

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

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

===== Hazards

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 EXPOUSRE MAY LEAD TO DERMATITIS WITH DESTRUCTION  
OF TISSUES, OTHERWISE SAME AS FOR OVEREXPOSURE.  
Explanation of Carcinogenicity:PER MSDS MATL NOT MFG T  
O HAVE KNOWN  
CARCINOGEN OR REPRODUCTIVE TOXIN.EXTREMELY SM AMTS MAY BE PRESENT  
FROM GEN EVIR SOUR  
Effects of Overexposure:CAUSES SEVERE EYE & SKIN IRRIT OR BURBS.  
HARMFUL IF SWALLOWED OR INHALED.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MFG.

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

First Aid:EYE:IMMED FLUSH W/PLENTY OF CLEAN RUNNING WATER @ LEAST  
15MINS LIFTING EYELIDS.CALL DR IMMED. SKIN:IMMED FLUSH W/PLENTY OF  
CLEAN RUNNING WATER @  
LEAST 15MIN WHILE REMOVING CONTAMIN  
CLOTH/SHOES.IF IRRI T OCCURS GET MED ATTN. INGEST:DO NOT INDUCE  
VOMIT.IMMED DRINK LG QUANTIY OF MILK OR WATER.CALL DR.INHAL:IMMED  
REMOVE TO FRESH AIR.NOT BREATH GIVE ART RESP(MOUTH-TO-MOUTH).BREATH  
DIFFI GIVE OXY.CALL DR

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

Extinguishing Media:WATER, FOAM, CARBON DIOXIDE, AND DRY CHEMICALS.  
Fire Fighting Procedures:WHEN FIRE FIGHTING WEAR FULL PROTECTIVE  
EQUIPMENT, INCLUDI  
NG SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:MAY PRODUCE HAZ FUMES/HAZ DECOMP  
PRODUCTS.STRONG OXIDIZER!CONTACT W/FLAMM/COMBUST VAPORS & ORG MATLS  
MAY INITIATE FIRE OR POSSIBLY AN EXPLOSION.SUPPORT COMUBST.

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

Spill Release Procedures:REMOVE IGNI SOURCES.CONTAIN SPILL.SM:DILUTE  
W/WATER.THEN ADD DRY MATL TO CONTAIN.WEAR RECOMMENDED PROTECTIVE  
EQPMT & EXPLOSION-PROOF EQPMT TO REMOVE BULK OF LI

Q.DILUTE

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

Neutralizing Agent:WATER.

===== 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.

===== 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.

===== 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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