

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.

=====

===== 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 SEW
ER,APP

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular
situation.