

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/
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

=====
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

=====
Hazard
=====

s 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 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 IRRIT OCCURS GET MED ATTN. INGEST:DO NOT INDUCE

VOMIT.IMMED DRINK LG QUANTY 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, INCLUD

ING 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 L

IQ.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
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.

=====
===== 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

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.

=====
===== 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 OXIDIZ

ERS.

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 SE

WER,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.