

CHEVRON -- ORTHOCIDE (CAPTAN) GARDEN FUNGICIDE -- 6840-00N028682

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

Product ID:ORTHOICIDE (CAPTAN) GARDEN FUNGICIDE

MSDS Date:11/28/1991

FSC:6840

NIIN:00N028682

9/9/2024: File reviewed, more current MSDS/SDS not available. CAS

MSDS Number: BNQLB

Website Hazard.com no longer exist

=== Responsible Party ===

Company Name:CHEVRON

Box:4054

City:RICHMOND

State:CA

ZIP:94804

Country:US

Info Phone Num:510-842-5550;510-233-3737

Emergency Phone Num:800-457-2022;800-424-9300(CHEMTREC)

CAGE:0AHD1

=== Contractor Identification ===

Company Name:CHEVRON ENVIRONMENTAL HEALTH CENTER INC

Address:15299 SAN PABLO AVE

Box:4054

City:RICHMOND

State:CA

ZIP:94804

Country:US

Phone:800-582-3835

CAGE:0AHD1

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

Ingred Name:ING 8: INACTIVATED IN VIVO &, THEREFORE, PRESENTS LITTLE
GENETIC HAZ TO WHOLE ANIMALS. WHEN MALE & FEMALE RATS (ING 10)
RTECS #:9999999ZZ

Ingred Name:ING 9: WERE FED CAPTAN, THERE WERE CMPD-RELATED EGFTS OF
REPROD PERFORMANCE AT HIGHER DOSES TESTED.
RTECS #:9999999ZZ

Ingred Name:FIRST AID PROC: DRINK LARGE QUANTITIES OF WATER. AVOID
ALCOHOL.
RTECS #:9999999ZZ

Ingred Name:SPILL PROC:SECTION. SWEEP UP MATL & PLACE IN DISPOSABLE
CONTAINER. SCRUB CONTAM AREA W/DETERGENT AND WATER USING(ING 13)
RTECS #:9999999ZZ

Ingred Name:ING 12: STIFF BROOM. PICK UP LIQ W/OIL DRY, CAT LITTER,
CLAY, RAGS OR OTHER ABSORBENT AND PLACE IN DISPOSABLE CONTAINER.
RTECS #:9999999ZZ

Ingred Name:MELTING PT: N/A, DECOMPOSES BEFORE MELTING.
RTECS #:9999999ZZ

Ingred Name:ING 7: IN BACTERIAL, YEAST & MAMMILIAN CELLS WHEN TESTED IN
VITRO, THERE IS EVIDENCE TO INDICATE THAT IT IS (ING 9)
RTECS #:9999999ZZ

Ingred Name:ORTHOICIDE (R) (CAPTAN) GARDEN FUNGICIDE CONTAINING
INGREDIENTS 2, 3 & 4.
RTECS #:9999999ZZ
Fraction by Wt: 100%

Ingred Name:4-CYCLOHEXENE-1, 2-DICARBOXIMIDE, N-(TRICHLOROMETHYL)
THIO-; (CAPTAN) (SARA III)
CAS:133-06-2
RTECS #:GW5075000

Fraction by Wt: 47.3%
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:RELATED DERIVATIVES
Fraction by Wt: 2.7%

Ingred Name:INERT INGREDIENTS
Fraction by Wt: 50.0%

Ingred Name:SUPP DATA:DEPEND ON AIRBORNE CONC/DURATION OF EXPOS.INGEST:
MAY BE SLIGHTLY TOX TO INTERNAL ORGANS IF SWALLOWED. (ING 6)
RTECS #:9999999ZZ

Ingred Name:ING 5: DEGREE OF INJ WILL DEPEND ON AMT ABSORB FROM GUT.
WHEN MICE WERE FED DIETS CONTAINING CAPTAN THROUGHOUT (ING 7)
RTECS #:9999999ZZ

Ingred Name:ING 6:LIFETIME, THERE WAS INCR INCIDENCE OF TUMORS OF SMALL
INTESTINE AT HIGH DOSES. ALTHOUGH CAPTAN IS MUTAGENIC(ING 8)
RTECS #:9999999ZZ

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Hazards Identification
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE: SEV IRRIT & COULD CAUSE PERM DMG
& BLINDNESS. DEGREE OF INJ WILL DEPEND ON AMT OF MATL & SPEED &
THOROUGHNESS OF FIRST AID TREATMENT. SKIN: MAY CAUSE ALLERGIC SKIN
RXN TO SOME EXPOS INDIV AFTER P RLNGD/RPTD CONT. SKIN TOX: SLIGHTLY
TOXTO INTERNAL ORGANS IF ABSORB THRU SKIN. DEGREE OF INJ WILL
DEPEND ON (SUPP DATA)
Explanation of Carcinogenicity:NOT RELEVANT.
Effects of Overexposure:EYE: PAIN, TEARS, SWELLING, REDNESS, & BLURRED
VISION. SKIN: DISCOLORATION, ITCHING, AND SWELLING.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures
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First Aid:EYE: FLUSH EYES IMMED W/FRESH H*2O FOR AT LEAST 15 MIN WHILE
HOLDING EYELIDS OPEN. REMOVE CONTACT LENSES IF WORN. SEE MD FOR
FURTHER TREATMENT AS SOON AS POSS. SKIN: WASH SKIN THORO W/SOAP &
H*2O. REM OVE AND WASH CONTAM CLTHG. INHAL: MOVE PERSON TO FRESH
AIR. SEE MD IF DISCOMFORT/IRRIT CONTINUES. INGEST: DRINK PROMPTLY
LRG QTY OF MILK, EGG WHITES, GELATIN SOLN, OR IF THESE ARE NOT
AVAIL, (ING 11)

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Fire Fighting Measures
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Extinguishing Media:CO*2, DRY CHEMICAL, FOAM, WATER FOG.
Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT
EQUIP.PRODS OF COMBUST FROM FIRES INVOLVING MATL MAY BE TOX.AVOID
BRTHG SMOKE/MISTS. AVOID PERS & EQUIP(SUPP DATA)
Unusual Fire/Explosion Hazard:NORMAL COMBUSTION FORMS CO*2 & H*2O VAPOR
AND MAY PRODUCE SO*X AND TOXIC CHLORINE COMPOUNDS. INCOMPLETE
COMBUSTION CAN PRODUCE CO.

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Accidental Release Measures
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Spill Release Procedures:MATL IS TOX TO AQUATIC ORGANISMS & SHOULD BE
KEPT OUT OF SEWAGE & DRAINAGE SYS & ALL BODIES OF H*2O. DO NOT
APPLY DIRECTLY TO H*2O/WETLANDS. DO NOT CONTAM H*2O BY CLEANING OF
EQUIP/DISP OF WASTE. CLEA N UP IMMED, OBSERVING PREC IN PROT EQUIP
(ING 12)
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:AVOID CONTACT WITH EYES, SKIN, OR CLOTHING. AVOID BREATHING DUST OR SPRAY MIST. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:READ AND OBSERVE ALL PRECAUTIONS ON PRODUCT LABEL. KEEP PESTICIDE IN ORIGINAL CONTAINER. DO NOT STORE OR TRANSPORT NEAR FOOD OR FEED. AVOID PRLNGD/FREQUENTLY RPTD SKIN CONT W/MATL. READ ENTIRE DOCUME NT & LABEL BEFORE USING PRODUCT.

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Exposure Controls/Personal Protection
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Respiratory Protection:MATERIAL MAY BE AN INHALATION HAZARD AND, UNLESS VENTILATION IS ADEQUATE, THE USE OF NIOSH/MSHA APPROVED RESPIRATORY PROTECTION IS RECOMMENDED.

Ventilation:USE MATERIAL ONLY IN WELL VENTILATED AREAS.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:CHEM WORK GOG/FULL LGTH FACESHLD .

Other Protective Equipment:SKIN CONTACT CAN BE MINIMIZED BY WEARING PROTECTIVE CLOTHING.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

FIRE FIGHT PROC: CONT W/FALLOUT & RUNOFF. MIN AMT OF H*2O USED FOR FIRE FIGHTING. CONTAIN & ISOLATE RUNOFF & DEBRIS FOR PROPER DISP.

DECONTAM PERSONAL PROT EQUIP & FIRE FIGHTING EQUIP BEFORE REUSE. RE AD ENTIRE DOCUMENT. HLTH HAZ: AMT ABSORB. INHAL: SLIGHTLY TOX TO INTERNAL ORGANS IF INHALED. DEGREE OF INJ WILL (ING 5)

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Physical/Chemical Properties
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HCC:T5

Melt/Freeze Pt:M.P/F.P Text:INGRED 14

Vapor Pres:<1 @ 20C

Spec Gravity:30-40

Evaporation Rate & Reference:0

Solubility in Water:DISPERSIBLE

Appearance and Odor:SLIGHTLY PUNGENT TAN POWDER.

Percent Volatiles by Volume:0

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

ALKALINE MATERIAL.

Stability Condition to Avoid:HIGH TEMPERATURES.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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Disposal Considerations
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Waste Disposal Methods:CHECK GOVERNMENTAL REGULATIONS AND LOCAL AUTHORITIES FOR APPROVED DISPOSAL OF THIS MATERIAL. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS .

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