

VENTRON CORP DIV OF/THIOKOL -- CALCIUM HYDRIDE (P/C 11100) -- 6660-00-408-4560

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Product Identification  
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Product ID:CALCIUM HYDRIDE (P/C 11100)

MSDS Date:01/01/1987

FSC:6660

NIIN:00-408-4560

MSDS Number: BDXXF

=== Responsible Party ===

Company Name:VENTRON CORP DIV OF/THIOKOL

Address:150 ANDOVER ST

City:DANVERS

State:MA

ZIP:01923-1428

Country:US

CAGE:LO329

=== Contractor Identification =

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Company Name:THIOKOL CORP VENTRON DIVISION

Address:150 ANDOVER ST

Box:City:DANVERS

State:MA

ZIP:01923-1428

Country:US

CAGE:01785

Company Name:VENTRON CORP DIV OF/THIOKOL

Address:150 ANDOVER ST

Box:City:DANVERS

State:MA

ZIP:01923-1428

Country:US

CAGE:LO329

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Composition/Information on Ingredients  
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Ingred Name:CALCIUM HYDRIDE, CAS 7789-78-8

RTECS #:EW2440000

Fraction by Wt: 94%

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Hazards Identification  
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Reports of Carcino

genicity:NTP:UNKNOWN IARC:UNKNOWN OSHA:NO  
Health Hazards Acute and Chronic:DANGEROUS WHEN WET! CORROSIVE TO ALL  
TISSUES. MAY CAUSE BURNS AND IRRITATION TO WET TISSUES.  
Effects of Overexposure:EYE:BURNS.SKIN:BURNS.INHL:RESP IRRT.INGEST: GI  
IRRRT, POSS GAS EMBOLISM.ALL EFFECTS IMMED & ACUTE!

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

First Aid:EYE,SKN:FLUSH 15 MIN W/AMPLE WATER.REMOVE CONTAM CLOTH  
IMMED.INHL: REMOVE TO FRESH AIR. INGEST:DO NOT INDUCE VOMI  
T. GIVE  
MILK, VEGETABLE OIL,WATER,OR OTHER DEMULCENT.REMOVE IGNITION  
SOURCES NEAR PATIE NT. CALL PHYSICIAN IMMEDIATELY ALL CASES.

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

Extinguishing Media:DRY CHEM, POWDR LIMESTONE.DO NOT USE WATER,CO2,  
HALOCARBONS!  
Fire Fighting Procedures:SMOTHER W/LIMESTONE,ALLOW BURN.BLEND RESIDUE  
W/XS LIMESTONE.  
Unusual Fire/Explosion Hazard:DECOMPOSED 600C YIELDING FLAMMABLE H2  
GAS. CAH2 FIRE MAY REIGNITE UNLESS XS LIMEST  
ONE BLENDED.

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

Spill Release Procedures:REMOVE MOISTURE SOURCES, SWEEP OR VACUUM INTO  
METAL CONTAINER FOR DISPOSAL. AVOID CREATING DUST.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY SEALED. STORE  
IN COOL DRY AREA.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH APPROVED SELF-CONTAINED B  
REATHING  
APPARATUS WHEN USING IN CONFINED SPACES OR HANDLING POWDERED FORM.  
Ventilation:LOCAL OR GENERAL FOR DUST CONTROL  
Protective Gloves:RUBBER  
Eye Protection:GOGGLES OR FF SHIELD.  
Other Protective Equipment:BODY PROTECT AGAINST DUST-APRON, COVERALLS,  
LAB COAT.  
Work Hygienic Practices:DO NOT HANDLE WITH BARE HANDS. AVOID WET AND  
MOIST CONDITIONS.  
Supplemental Safety and Health  
NONE

===== Physical/Chemical Properties =====

HCC:R2  
Spec Gravity:1.9  
Solu

bility in Water:REACTIVE

Appearance and Odor:GRAY SOLID,NO ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

WATER,ACIDS, LOWER ALCOHOLS, OXIDIZERS

Stability Condition to Avoid:TEMP ABOVE 600C. STABLE ONLY IF CANNISTERS  
REMAIN SEALED

Hazardous Decomposition Products:HYDROGEN GAS (FLAMMABLE),CALCIUM  
HYDROXIDE (CORROSIVE)

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE B

Y REACTING W/WATER IN WELL VENTILATED

AREA.IAW ALL LAWS & REGS; LANDFILL RESIDUE IN APPROVED FACILITY.

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