

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

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

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 ==

=

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

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

Ingred Name:CALCIUM HYDRIDE, CAS 7789-78-8

RTECS #:EW2440000

Fraction by Wt: 94%

===== Hazards Identification =====

Reports of Carcinog

enicity: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 VOMIT  
. 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 LIMESTO  
NE 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 BR  
EATHING  
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  
Solub

ility 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 BY

REACTING W/WATER IN WELL VENTILATED

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

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.