

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 Carcinogenicity:NTP:UNKNOWN IARC:UNKNOWN OSHA:NO

Health Hazards Acut

e 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 I
GNITION
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 LIMESTONE BLENDED.

===== Accidental Release Measures ==
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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 BREATHING
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
Solubility 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 & REG
S; LANDFILL RESIDUE IN APPROVED FACILITY.

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