

VENTRON CORP DIV OF/THIOKOL -- MIL-C-11135,CAL HYD CHARGE,ML-304(A)/TM  
6660-00-408-4559

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Product Identification  
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Product ID:MIL-C-11135,CAL HYD CHARGE,ML-304(A)/TM

MSDS Date:01/01/1985

FSC:6660

NIIN:00-408-4559

MSDS Number: BDXXD

=== Responsible Party ===

Company Name:VENTRON CORP DIV OF/THIOKOL

Address:150 ANDOVER ST

City:DANVERS

State:MA

ZIP:01923-1428

Country:US

CAGE:LO329

=== Con

tractor 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

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Composition/Information on Ingredients  
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Ingred Name:CALCIUM HYDROXIDE

CAS:1305-62-0

RTECS #:EW2800000

Fraction by Wt: 94.0%

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:5 MG/M3; 9293

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==== Hazards Identification =====

Effects of Overexposure:SKIN CONTACT CAN CAUSE ALKALI BURNS.

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

First Aid:AVOID SKIN,EYES OR CLOTHING CONTACT.SKIN CONTACT SHOULD BE BRUSH OFF FOLLOWED BY THOROUGH FLUSHING W WATER UNDER PRESSURE:CAUSTIC BURN MAY RESULT.TREAT ACCORDINGLY.GET MED ATTN.

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

Extinguishing Media:DRY CHEMICAL

Fire Fighti

ng Procedures:COVER SPILLAGE W DRY POWDER LIMESTONE &DISPOSE OF SAFELY.

Unusual Fire/Explosion Hazard:THERMAL DECOMPOSITION;EVOLVES HYDROGEN GAS ABOVE 600C(1112F)

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

Spill Release Procedures:SWEEP-UP(WITH DRY IMPLEMENTS);DECOMPOSE IN LARGE EXCESS OF WATER IN WELL VENTILATED AREA.ALL IGNITION,SPARK GENERATING SOURCES & HEATER MUST BE ELIMINATED BEFORE DECOMPOSING IN WATER.

==== Handling and S

torage =====

Handling and Storage Precautions:MINIMIZE EXPOSURE TO AIR OF HIGH HUMIDITY;AVOID CONTACT W WATER.CALCIUM HYDRIDE REACTS W WATER TO GIVE HYDROGEN GAS & CALCIUM HYDROXIDE

Other Precautions:PROTECT CONTNR AGAINST PHYSICAL DAMAGE.EMPTY CONTNR MAY BE HAZARDOUS.OBSERVE ALL HAZ PRE CAUTIONS FOR EMPTY CONTNRS OF THIS MATL.STORE IN DRY AREA,AWAY FROM SOURCE OF WATER/MOISTURE.

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

Ventilation:

AS REQD TO CONTROL DUST IN AIR.

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES/GOGGLES

Other Protective Equipment:IMPERVIOUS CLOTHING TO AVOID SKIN CONTACT.

Supplemental Safety and Health

PER MFR 6/2/82,THE ACTIVE INGREDIENT OF ONE CAL HYD CHARGE IN A HERMATICALLY SEALED CAN IS APPROX 0.4 POUND.

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

HCC:F8

Spec Gravity:1.9

Solubility in Water:REACTIVE

Appearance and Odor:ODORLESS,GRAY SOLID

Percent Volatiles by Volume

:NONE

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

Stability Indicator/Materials to Avoid: YES

WATER, ORGANIC ACIDS, LOWER ALCOHOLS.

Stability Condition to Avoid: MOISTURE & WATER CONTACT; HEATING ABOVE  
600C/1112F.

Hazardous Decomposition Products: HYDROGEN GAS

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

Waste Disposal Methods: DECOMPOSE IN LARGE EXCESS OF WATER IN WELL  
VENTILATED AREA, THEN DISPOSE OF SOLUTION OF  $Ca(OH)_2$  IAW  
LOCAL, STATE &  
FED REGULATIONS.

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