

DOW CHEMICAL U S A GOVERNMENT MARKETING -- PELADOW (R) 94-97% CALCIUM CHLORIDE --
6530-01-317-1131

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

Product ID:PELADOW (R) 94-97% CALCIUM CHLORIDE

MSDS Date:06/22/1982

FSC:6530

NIIN:01-317-1131

MSDS Number: CHQNC

=== Responsible Party ===

Company Name:DOW CHEMICAL U S A GOVERNMENT MARKETING

Address:2020 DOW CENTER

City:MIDLAND

State:MI

ZIP:48674

Country:US

Info P

hone Num:517-636-4400/217-342-9755

Emergency Phone Num:517-636-4400

CAGE:71981

=== Contractor Identification ===

Company Name:DOW CHEMICAL U S A

Address:BARSTOW BLDG

City:MIDLAND

State:MI

ZIP:48640

Country:US

Phone:517-636-4400

CAGE:71981

Company Name:DOW CHEMICAL U S A GOVERNMENT MARKETING

Box:UNKNOW

CAGE:58027

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

Ingred Name:CALCIUM CHLORIDE

CAS:10043-52-4

RTECS #:EV9800000

Other REC Limits:NONE RECOMMENDED

Ingred Name:ALKALI

CHLORIDES

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 1090-1668 MG/KG.
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: SEVERE IRRITATION AND MODERATE
CORNEAL INJURY. SKIN: MILD IRRITATION ON DRY SKIN. STRONG
SOLUTIONS/SOLIDS IN CONTACT WITH MOIST SKIN ARE CAPABLE OF CAUSING
MARKED IRRITATIO
N, EVEN A BURN. INHALA TION: DUST MAY CAUSE
IRRITATION. INGESTION: LOW SINGLE DOSE ORAL TOXICITY.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:EYES: IRRITATION, CORNEAL INJURY. SKIN:
IRRITATION, BURNS. INHALATION: IRRITATION. INGESTION: LOW IN
TOXICITY.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL
ATTENTION. SK
IN: REMOVE CONTAMINATED CLOTHING. FLUSH SKIN AREA WITH
LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS, GET MEDICAL
ATTENTION. INHALATI ON: MOVE TO FRESH AIR. IF ADVERSE SYMPTOMS
DEVELOP, GET MEDICAL ATTENTION. INGESTION: INDUCE VOMITING BY
GIVING TWO GLASSES OF WATER AND STICKING FINGER DOWN THROAT. GET
MEDICAL ATTENTION.

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

Flash Point:NOT RELEVANT
Extinguishing Media:NON-COMBUSTIBLE
Fire Fighting Procedures
:NONE SPECIFIED BY MANUFACTURER.
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:NO SPECIAL ACTION NEEDED. SWEEP UP AND RETURN
TO CONTAINER OR DISCARD. WALKING SURFACES MAY REMAIN WET LONGER DUE
TO MOISTURE BEING HELD BY SPILLED MATERIAL.
Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN COOL, VERY DRY PLACE. KEEP
CONT

AINER TIGHTLY CLOSED. AVOID EYE AND PROLONGED SKIN CONTACT.
Other Precautions:USE COOL WATER (TEMPERATURE LESS THAN 80F) WHEN
DISSOLVING CALCIUM CHLORIDE. HEAT DEVELOPED BY SOLUTIONS IS VERY
HIGH DURING DISSOLVING AND MIXING. WHEN EXPOSED TO THE ATMOSPHERE,
CALCIUM CHLORIDE WIL L PICK UP WATER AND FORM A SOLUTION.

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

Respiratory Protection:IF RESPIRATORY PROTECTION IS REQUIRED USE AN
APPROVED DUST RESPIRATOR.

Vent
ilation:PROVIDE ADEQUATE LOCAL/GENERAL VENTILATION TO MAINTAIN
PEL/TLV BELOW RECOMMENDED LEVELS..

Protective Gloves:IMPERVIOUS GLOVES TO REDUCE SKIN CONTACT

Eye Protection:SAFETY GLASSES/GOGGLES

Other Protective Equipment:WEAR PROTECTIVE CLOTHINGS. PROVIDE EYE WASH
STATION NEAR WORK AREA.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING,
DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health
NONE

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

HCC:N1

Boiling Pt:B.P. Text:>1500F,>816

Spec Gravity:2.2

Solubility in Water:VERY SOLUBLE

Appearance and Odor:WHITE TO OFF WHITE, SOLID-PELLETS. ODORLESS.

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

Stability Indicator/Materials to Avoid:YES
METALS SLOWLY CORRODE IN CALCIUM CHLORIDE SOLUTIONS.ALUMINUM,ALUMINUM
ALLOYS,YELLOW BRASS ATTACTED BY CALCIUM CHLORIDE.

Stability Condition to Avoid:PRODUCT ATTRACTS MOISTURE AND GIVES
OFF
HEAT WHILE DISSOLVING.

Hazardous Decomposition Products:NOT RELEVANT

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:WASH AWAY WITH LARGE EXCESS OF WATER OR BURY.
KEEP OUT OF DRINKING WATER SOURCES. COMPLY WITH LOCAL, STATE AND
FEDERAL REGULATIONS.

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