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DOW CHEMICAL U.S.A. -- PELADOW PREMIER SNOW AND ICE MELTER CALCIUM CHLORIDE,46731

-- 6810-01-200-3457

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

Product ID:PELADOW PREMIER SNOW AND ICE MELTER CALCIUM CHLORIDE,46731

MSDS Date:05/15/1996

FSC:6810

NIIN:01-200-3457

MSDS Number: CBSJC

=== Responsible Party ===

Company Name: DOW CHEMICAL U.S.A.

Address: CHEMICAL AND METALS DEPARTMENT

City:MIDLAND

State:MI ZIP:48

674

Country:US

Info Phone Num:800-258-2436/517-636-4400

Emergency Phone Num:517-636-4400

CAGE:96717

=== Contractor Identification ===

Company Name: DOW CHEMICAL CO

Address:100 LARKIN CENTER

Box:City:MIDLAND

State:MI ZIP:48674 Country:US

Phone:800-258-2436

CAGE:96717

Company Name:FLOR-DRI SUPPLY CO. Address:5450 W JEFFERSON AVENUE

Box:City:DETROIT

State:MI ZIP:48209 Country:US

Phone:313-843-6460

CAGE:0GDX2

Company Name: STANDARD TAR PRODUCTS CO. INC.

Address:2456 W CORNELL ST.

Box:City:MILWAUKEE

St

ate:WI

ZIP:53209-6294 Phone:414-873-7650

CAGE:1JN25

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

Ingred Name: CALCIUM CHLORIDE

CAS:10043-52-4 RTECS #:EV9800000 Fraction by Wt: 90 - 97%

Other REC Limits: NONE RECOMMENDED

Ingred Name: SODIUM CHLORIDE

CAS:7647-14-5

RTECS #:VZ4725000 Fraction by Wt: 1 - 2%

Other REC Limits: NONE RECOMMENDED

Ingred Name:POTASSIUM CHLORIDE

CAS:7447-40-7

RTECS #:TS8050000 Fraction by Wt: 2 - 3%

Other REC Limits: NONE RECOMMENDED

Ingred Name:STRO NTIUM CHLORIDE CAS:10476-85-4

Fraction by Wt: 0 - 1%

Other REC Limits: NONE RECOMMENDED

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Other REC Limits: NONE RECOMMENDED

OSHA PEL:NOT RELEVANT ACGIH TLV:NOT RELEVANT

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) 967-1668 MG/KG Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic:TARGET ORGANS:EYES, S

KIN, RESPIRATORY

AND GASTROINTESTINAL TRACTS. ACUTE- EYES:MAY CAUSE SEVERE IRRITATION WITH CORNEAL INJURY. SKIN:PROLONGED/REPEATED CONTACT MAY CAUSE IRRITATION, EVEN BURN. INHALE: DUST MAY CAUSE UPPER RESPIRATORY TRACT IRRITATION. ORAL:LARGE AMOUNTS MAY CAUSE GI IRRITATION & ULCER. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexpos

ure:SEVERE IRRITATION, CORNEAL INJURY, ABDOMINAL PAIN, NAUSEA, VOMITING, THERMAL BURNS

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

FIRST AID:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. CONSULT A PHYSICIAN.

SKIN:FLUSH WITH PLENTY OF WATER. INHALED:REMOVE TO FRESH AIR. ORAL: DO NOT INDUCE VOMITING EXCEPT ON ADVICEOF COMPETENT MEDICAL PERSONNEL. IF CONSCIOUS, RINSE MOUTH WITH WATER. KEEP PERSON WARM & QUIET. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point:NONE

Lower Limits:NOT GIVEN Upper Limits:NOT GIVEN

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING F

IRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING, INCLUDING HELMET AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard: NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures: SWEEP UP SPILLAGE. AVOID CREATING DUST. PLACE SPILLAGE IN APPROPRIATE CONTAINER FOR LATER

DISPOSAL. VENTILATE AREA AND WASH SPILL SITE WITH WATER. AVOID CONTAMINATING DRINKING WATER. Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER. ========== Handling and Storage ================ Handling and Storage Precautions: STORE IN DRY PLACE AWAY FROM INCOMPATIBLE MATERIALS, KEEP CONTAINER TIGHTLY CLOSED, USE IN VENTILATED AREA. Other Precautions: DO NOT RAISE DUST. AVOID CONTACT WITH EYES, SKIN OR CLOTHING, AVOID INHALATION OF DUST, WASH THOROUGHLY AFT **ER HANDLING** MATERIAL. KEEP OUT OF REACH OF SMALL CHILDREN. DO NOT INGEST. ===== Exposure Controls/Personal Protection ======== Respiratory Protection: NONE NORMALLY REQUIRED. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED DUST RESPIRATOR OR DUST MASK. Ventilation: GOOD GENERAL VENTILATION IS SUFFICIENT FOR MOST CONDITIONS (10 ROOM VOLUMES PER HOUR). Protective Gloves:LATEX FOR PROLONGED/REPEATED CONTACT Eye Protection: SAFETY GLASSES/DUST-RESISTANT GOGGLES Other Protective Equipment: EYE WASH STATION, SAFETY SHOWER, PROTECTIVE **CLOTHING AND/OR UNIFORM** Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. Supplemental Safety and Health NOTE TO PHYSICIAN: IF BURN IS PRESENT, TREAT AS ANY THERMAL BURN, AFTER DECONTAMINATION. NO SPECIFIC ANTIDOTE. SUPPORTIVE CARE. ========= Physical/Chemical Properties =========== HCC:T6 NRC/State Lic Num: NOT RELEVANT Boiling Pt:B.P. Text:>1500F,816C Melt/Freeze Pt:M.P/F.P Text:1422F,772C Decomp Temp:Decomp Text:NONE Vapor Pres:NOT GIVEN Vapor Density: NOT GIVEN Spec Gravity:2.2 Viscosity: NOT RELEVANT Evaporation Rate & Evaporation Relevant 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 (ALUMINUM, BRASS, MILD STEEL, FERROUS METALS, SODIUM, ZINC), WATER

Stability Con

dition to Avoid:MOISTURE (HYGROSCOPIC)
Hazardous Decomposition Products: DOES NOT DECOMPOSE

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

Waste Disposal Methods:THE POWDER MAY BE BURIED IN A SANITARY LANDFILL. ENSURE COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. CONTRACT WITH A LICENSED WASTE DISPOSAL FACILITY.

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