STANDARD TAR PRODUCTS -- CALCIUM CHLORIDE FLAKE
MATERIAL SAFETY DATA SHEET
NSN: 6810007039180
Manufacturer's CAGE: 1JN25
Part No. Indicator: A
Part Number/Trade Name: CALCIUM CHLORIDE FLAKE

General Information

Company's Name: STANDARD TAR PRODUCTS CO INC
Company's Street: 2456 W CORNELL ST
Company's City: MILWAUKEE
Company's State: WI
Company's Country: US
Company's Zip Code: 53209-6294
Company's Emerg Ph #: 414-873-7650
Company's Info Ph #: 414-873-7650
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SE
Date MSDS Prepared: 01JUN93
Safety Data Review Date: 03APR95
Preparer's Company: STANDARD TAR PRODUCTS CO INC
Preparer's St Or P. O. Box: 2456 W CORNELL ST
Preparer's City: MILWAUKEE
Preparer's State: WI
Preparer's Zip Code: 53209-6294
MSDS Serial Number: BWLWS

Ingredients/Identity Information

Proprietary: NO
Ingredient: CALCIUM CHLORIDE
Ingredient Sequence Number: 01
Percent: 77-80
NIOSH (RTECS) Number: EV9800000
CAS Number: 10043-52-4

Proprietary: NO
Ingredient: SODIUM CHLORIDE
Ingredient Sequence Number: 02
Percent: 1-2
NIOSH (RTECS) Number: VZ4725000
CAS Number: 7647-14-5

Proprietary: NO
Ingredient: POTASSIUM CHLORIDE
Ingredient Sequence Number: 03
Percent: 2-3
NIOSH (RTECS) Number: TS8050000
CAS Number: 7447-40-7

Proprietary: NO
Ingredient: WATER
Ingredient Sequence Number: 04
Percent: 15-20
NIOSH (RTECS) Number: ZC0110000
CAS Number: 7732-18-5

Physical/Chemical Characteristics

Appearance And Odor: WHITE TO OFF-WHITE SOLID FLAKE W/NO ODOR
Boiling Point: 347F
Melting Point: 345F
Vapor Pressure (MM Hg/70 F): 1
Specific Gravity: 1.85
Solubility In Water: COMPLETE

Fire and Explosion Hazard Data

Flash Point: NON COMBUSTIBLE
Special Fire Fighting Proc: WEAR POSITIVE PRESSURE SELF CONTAINED BREATHING APPARATUS.

Reactivity Data

Stability: YES
Cond To Avoid (Stability): AIR
Materials To Avoid: CALCIUM CHLORIDE/ALUMINUM/YELLOW BRASS/SULFURIC ACID/HYDROGEN CHLORIDE/SODIUM/ZINC/HYDROGEN GAS
Hazardous Poly Occur: NO

Health Hazard Data

Route Of Entry - Inhalation: NO
Route Of Entry - Skin: NO
Route Of Entry - Ingestion: NO
Health Haz Acute And Chronic: EYES: SEVERE IRRITATION, CORNEAL INJURY, THERMAL BURNS. SKIN: IRRITATION, THERMAL BURNS. INGESTION: GI IRRITATION, ULCERATION. INHALATION: IRRITATION TO UPPER RESPIRATORY TRACT.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NONE
Signs/Symptoms Of Overexp: IRRITATION, BURNS, ULCERATION
Emergency/First Aid Proc: EYES: IRRIGATE W/FLOWING WATER IMMEDIATELY FOR 15 MINS. SKIN: WASH OFF IN FLOWING WATER/SHOWER. INGESTION: IF SWALLOWED, INDUCE VOMITING IMMEDIATELY BY GIVING 2 GLASSES OF WATER & STICKING FINGER DOWN THROAT. NEVER GIVE ANYTHING BY MOUTH/ATTEMPT TO INDUCE VOMITING IN AN UNCONSCIOUS PERSON. INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IN ALL CASES. (SEE SUPP)

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: LARGE: AVOID ENTRY INTO SEWERS/NATURAL WATERS/DRINKING WATER SOURCES. RECOVER QUICKLY INTO SUITABLE/DRY/SEALABLE CONTAINERS IF REUSING. SMALL: FLUSH AWAY W/PLENTY OF WATER. WALKING SURFACES REMAIN WET LONGER DUE TO MOISTURE BEING HELD BY PRODUCT.
Waste Disposal Method: DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS.
Precautions-Handling/Storing: ALWAYS USE COOL WATER (TEMP <86F) WHEN DISSOLVING CALCIUM CHLORIDE. HEAT DEVELOPED BY SOLUTION IS VERY HIGH DURING DISSOLVING & MIXING.
Other Precautions: WHEN EXPOSED TO ATMOSPHERE, CALCIUM CHLORIDE WILL PICK UP WATER & FORM A SOLUTION. DUE TO POSSIBLE HARMFUL EFFECTS, AVOID CONTACT W/VEGETATION/ANIMALS/FISH LIFE. AVOID EYE & PROLONGED SKIN CONTACT.

Control Measures

Respiratory Protection: USE AN APPROVED AIR-PURIFYING RESPIRATOR. IN DUSTY ATMOSPHERE USE AN APPROVED DUST RESPIRATOR.
Ventilation: GENERAL, LOCAL EXHAUST VENTILATION
Protective Gloves: IMPERVIOUS
Eye Protection: SAFETY GLASSES, CHEMICAL GOGGLES
Other Protective Equipment: BODY COVERING CLOTHING, BOOTS, APRONS, FULL BODY SUIT, EYE WASH FOUNTAIN.
Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.
Suppl. Safety & Health Data: NOTE TO PHYSICIAN: IF BURN IS PRESENT, TREAT AS ANY THERMAL BURN, AFTER DECONTAMINATION. NO SPECIFIC ANTIDOTE. SUPPORTIVE CARE. TREATMENT BASED ON JUDGMENT OF THE PHYSICIAN IN RESPONSE
TO REACTION OF THE PATIENT. MATERIALS TO AVOID: WATER REACTIVE MATERIALS.

Transportation Data

Disposal Data

Label Data

Label Required: YES
Label Status: G
Common Name: CALCIUM CHLORIDE FLAKE
Special Hazard Precautions: EYES: SEVERE IRRITATION, CORNEAL INJURY,
THERMAL BURNS. SKIN: IRRITATION, THERMAL BURNS. INGESTION: GI IRRITATION,
ULCERATION. INHALATION: IRRITATION TO UPPER RESPIRATORY TRACT. IRRITATION,
BURNS, ULCERATION
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