

SCOTWOOD INDUSTRIES, INC -- EXCEL CALCIUM CHLORIDE ICE MELTING -- 6810-01-200-3457

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

Product ID:EXCEL CALCIUM CHLORIDE ICE MELTING

MSDS Date:02/01/1998

FSC:6810

NIIN:01-200-3457

Status Code:A

MSDS Number: CKHZC

=== Responsible Party ===

Company Name:SCOTWOOD INDUSTRIES, INC

Address:12980 METCALF AVE SUITE 240

City:OVERLAND PARK

State:KS

ZIP:66213

Country:US

Info

Phone Num:913-851-3500

Emergency Phone Num:913-851-3500

CAGE:0VSE0

=== Contractor Identification ===

Company Name:SCOTWOOD INDUSTRIES, INC

Address:12980 METCALF AVE SUITE 240

Box:City:OVERLAND PARK

State:KS

ZIP:66213

Country:US

Phone:913-851-3500

CAGE:0VSE0

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

Ingred Name:CALCIUM CHLORIDE

CAS:10043-52-4

RTECS #:EV9800000

= Wt:94.

Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM CHLORIDE (ALKALI CHLORIDES)

CAS:7647-14-5

RTE

CS #:VZ4725000

= Wt:4.

Other REC Limits:NONE RECOMMENDED

Ingred Name:MAGNESIUM CHLORIDE (MAGNESIUM)

CAS:7786-30-3

RTECS #:OM2800000

= Wt:.01

Other REC Limits:NONE RECOMMENDED

Ingred Name:OTHER IMURITIES (EXCEPT MOISTURE)

= Wt:.1

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE PROVIDED BY MFR.

Health Hazards Acute and Chronic:EYES: SEVERE IRRITATION & MODERATE CORNEAL INJURY. SKIN: STRONG SOLUTIONS OR SOLIDS ON MOIST SKIN MAY

CAUSE MARKED IRRITATION, EVEN BURN. MILD IRRITATION ON DRY SKIN. SKIN ABSORPTION: NOT CONSIDERED A BSORABLE THROUGH THE SKIN IN TOXIC AMOUNTS. INGESTION: LOW TOXICITY IN SINGLE DOSE. INHALATION: LOW TOXICITY. A CONCENTRATION OF 10 MG/M3 IN BREATHABLE AIR HAS BEEN SUGGESTED.

Explanation of Carcinogenicity:NONE PROVIDED BY MFR.

Effects of Overexposure:SEVERE IRRITATION, CORNEAL INJURY

Medical Cond Aggravated by Exposure:NONE PROVIDED BY MFR.

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=== First Aid Measures =====

First Aid:EYE: IMMEDIATELY IRRIGATE WITH FLOWING WATER CONTINUOUSLY FOR 15 MINS. SKIN: IMMEDIATELY FLUSH SKIN WITH ABUNDANT WATER FOR AT LEAST 15 MINS & REMOVE CONTAMINATED CLOTHES. WASH CLOTHES BEFORE REUSE. D ESTROY CONTAMINATED SHOES. CONSULT A PHYSICIAN IF IRRITATION PERSISTS. INGESTION. INDUCE VOMITING IMMEDIATELY BY GIVING 2 GLASSES OF WATER & STICKING A FINGER DOWN THE THROAT. CALL A PHYSICIAN. INHALA TION: REMOVE T O FRESH AIR IF ILL EFFECTS OCCUR. CONSULT MEDICAL PERSONEL.

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

Autoignition Temp:Autoignition Temp Text:NONE P

Lower Limits:NOT APPLICAB

Upper Limits:NOT APPLICAB

Extinguishing Media:NON-COMBUSTIBLE

Fire Fighting Procedures:NONE

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:SPILLS SHOULD BE SWEEPED UP, RETURNED TO CONTAINER OR DISCARDED. BE

CAUSE MOISTURE IS RETAINED BY SPILLED
MATERIAL, WALKING SURFACES REMAIN WET LONGER
Neutralizing Agent:NOT PROVIDED

===== 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:EYE CONTACT SHOULD BE AVOIDED, ALSO PROLONGED SKIN
CONTACT. VERY HIGH HEAT IS DEVELOPED WHEN DISOLVING CALCIUM
CHLORIDE. ALWAYS USE WATER
AT LESS THAN 27 DEG C TEMP. CALCIUM
CHLORIDE PICKS UP MOISTURE & FORMS A SOLUTION WHEN EXPOSURE TO THE
ATMOSPHERE.

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

Respiratory Protection:APPROVED DUST RESPIRATOR IF NEEDED.

Ventilation:NONE PROVIDED BY MFR.

Protective Gloves:RECOMMENDED

Eye Protection:SAFETY GLASSES WITHOUT SIDE SHIELDS. CHEMICAL WORKERS
GOGGLES.

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE
CLOTHING AND/OR UNIFORM.

THE BODY SHOULD BE COVERED WELL BY CLEAN
CLOTHING. DEPENDING UPON THE POSSIBLE EXPOSURE, GLOVES, BOOTS &
APRON ARE RECOMMENDED.

Work Hygienic Practices:NONE PROVIDED BY MFR.

Supplemental Safety and Health

LEATHER IS DAMAGED BY CALCIUM CHLORIDE

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=160.C, 320.F

Melt/Freeze Pt:=772.C, #####F

Decomp Temp:Decomp Text:NONE PROVIDED BY MFR.

Vapor Density:NONE PROVI

Spec Gravity

:2.2
pH:NONE PROVIDED
Viscosity:NONE PROVIDED BY MFR.
Evaporation Rate & Reference:NONE PROVIDED BY MFR.
Solubility in Water:VERY SOLUBLE
Appearance and Odor:WHITE, ODORLESS PRILLS
Percent Volatiles by Volume:NON VOLATILE
Corrosion Rate:NONE PROVIDED BY MFR

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

METALS CORRODE SLOWLY IN AQUEOUS CALCIUM CHLORIDE SOLUTIONS. ALUMINUM & ALLOYS & YELLOW BRASS WILL BE ATTACKED. HIGHLY HYGROSCOPIC (ABSORBS MOISTURE) GIVES OFF HEAT WHILE DISSOLVING
Stability Condition to Avoid:NONE PROVIDED BY MFR.
Hazardous Decomposition Products:NONE PROVIDED BY MFR.
Conditions to Avoid Polymerization:WILL NOT OCCUR

===== Toxicological Information =====

Toxicological Information:NOTES OF MEDICAL IMPORTANCE: EYES: STAIN FOR EVIDENCE OF CORNEAL INJURY. IF SO, INSTILL ANTIBIOTIC STEROID PREPARATION FREQUENTLY. CONSULT OPHTHALMOLOGIST. SKIN: TREAT AS NORMAL CONTACT DERMATITIS. IN CASE OF BURN TREAT AS THERMAL BURN.
NOT CONSIDERED ABSORBABLE IN TOXIC AMOUNTS. RESPIRATORY: MAY CAUSE IRRITATION. ORAL: LOW TOXICITY. OTHER NOTES: NO SPECIFIC ANTIDOTE OR TREATMENT IS USED. TREATMENT BASED ON JUDGEMENT OF PHYSICIAN. ON THE PARTICULAR CASE CONSULT STANDARD LITERATURE.

===== Ecological Information =====

Ecological:NOT PROVIDED

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

Waste Disposal Methods:WASH AWAY WITH WATER IN EXCESS. IT MAY BE BURIED. KEEP AWAY FROM DRINKING WATER SOURCES. OBSERVE LOCAL, STATE & FEDERAL REGULATIONS.

===== Regulatory Information =====

Federal Regulatory Information:NOT PROVIDED
State Regulatory Information:NOT PROVIDED

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