

DOW CHEMICAL U S A -- DOWFLAKE* 77-80% CALCIUM CHLORIDE (50 LB BAG) #04539 --
6810-01-220-9194

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

Product ID:DOWFLAKE* 77-80% CALCIUM CHLORIDE (50 LB BAG) #04539

MSDS Date:05/08/1996

FSC:6810

NIIN:01-220-9194

MSDS Number: CFDFP

=== Responsible Party ===

Company Name:DOW CHEMICAL U S A

Address:2020 DOW CENTER BARSTOW BLDG

City:MIDLAND

State:MI

ZIP:48640

Country:US

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Info Phone Num:517-636-1000

Emergency Phone Num:517-636-4400

CAGE:71983

=== Contractor Identification ===

Company Name:DOW CHEMICAL U.S.A.

City:MIDLAND

State:MI

ZIP:48674

Country:US

Phone:517-636-4400

CAGE:71983

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 #:EV980000

0

Fraction by Wt: 77-80%

Other REC Limits:10 MG/M3 PER MFR

Ingred Name:SODIUM CHLORIDE

CAS:7647-14-5

RTECS #:VZ4725000

Fraction by Wt: 1-2.0%

Other REC Limits:10 MG/M3 PER MFR

Ingred Name:POTASSIUM CHLORIDE

CAS:7447-40-7

RTECS #:TS8050000

Fraction by Wt: 2-3%

Other REC Limits:10 MG/M3 PER MFR

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (>5000 MG/KG RABBIT 967-1

668 *

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE: IRRITATION, CORNEAL INJURY,

THERMAL BURNS. SKIN: IRRITATION, BURN. INGEST: INJURY, GI
IRRITATION, ULCERATION. INHAL: IRRITATION.

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

First Aid:EYE: IRRIGATE W/FLOWING WATER IMMEDIATELY & CONTINUOUSLY FOR

15 MINUTES, GET MED AID. SKIN: WASH OFF IN FLOWING WATER OR SHO

WER.

INGEST: GET MED AID. DONT INDUCE VOMIT UNLESS DIRECTED TO DO SO BY

DR. INHAL: REMOVE TO FRESH AIR, CALL DR.

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

Flash Point:NA

Lower Limits:NA

Upper Limits:NA

Extinguishing Media:THIS MATERIAL DOES NOT BURN.

Fire Fighting Procedures:EVAC AREA. USE POSITIVE PRESSURE SCBA & FULL

PROTECTIVE FIREFIGHTING CLOTHING.

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

Spill Release Procedures:EVAC ARE

A. STOP LEAK IF SAFE. USE PROPER SAFETY EQUIPMENT. LARGE SPILL: DIKE. TRANSFER TO PROPER CONTAINER. FLUSH RESIDUE W/LOTS OF WATER. SMALL SPILL: CONTAIN SPILL. PLACE IN PROPERLY LABELED CONTAINER. FLUSH RESIDUE W/PLENTY OF WATER.

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Handling and Storage
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Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. STORE IN A DRY PLACE AWAY FROM MOISTURE.

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Exposure Controls/Personal Protection
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Respiratory Protection:USE AN AIR PURIFYING RESPIRATOR OR APPROVED DUST RESPIRATOR.

Ventilation:GENERAL &/OR LOCAL EXHAUST VENTILATION.

Protective Gloves:IMPERVIOUS.

Eye Protection:SAFETY GLASSES OR CHEMICAL GOGGLES.

Other Protective Equipment:CLEAN BODY COVERING. FACE SHIELD, APRON OR FULL BODY SUIT DEPENDING ON OPERATION.

Supplemental Safety and Health

*MG/KG ORAL RAT.

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Physical/Chemical Properties
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Boiling Pt:B.P. Text:347F,175C

Melt/Free

ze Pt:M.P/F.P Text:345F,174C

Vapor Pres:1.0

Vapor Density:NA

Spec Gravity:1.85

Solubility in Water:VERY SOLUBLE.

Appearance and Odor:WHITE TO OFF WHITE SOLID FLAKES.

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

BRASS, MILD STEEL, ALUMINUM, FERROUS METALS, ZINC, SODIUM, SULFURIC ACID & WATER.

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Disposal Considerations
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Waste Disposal Methods:DONT DUMP INTO SEWERS, ON GROUND OR INTO A

NY

BODY OF WATER. DISPOSE IN COMPLIANCE W/FEDERAL/STATE/LOCAL REGULATIONS. SEND TO LICENSED PERMITTED RECLAIMER, LANDFILL OR WASTE WATER TREATMENT SYSTEM.

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