

CALCIUM CHLORIDE 77-80%

PRODUCT NAME : CALCIUM CHLORIDE 77-80%
 PRODUCT CODE : 24554

Date: 29-APR-2005 11:22:17.02

50# BAG - F

CAS #: 010043524

MSDS No. 000359

Revision No./Date 01 050426
 Detail Number 00139/01

FORMULA: Ca Cl 2

CHEM. FAMILY: inorganic salts

CHEMICAL NAME AND SYNONYMS:

Calcium Chloride;
 Calcium Chloride FCC Grade;
 Calcium Chloride Snow & Ice;
 Calcium Chloride Anhydrous;
 Calcium Chloride Dihydrate;
 Freestyle Calcium Hard Plus;

MSDS 000359 DETAIL 00139

SUPPLIERS NAME : Myers Supply Inc.
 831 Third Street
 Hot Springs AR 71913

SUPPLIERS PHONE NUMBER : 501-623-7742

TRANSPORTATION EMERGENCY PHONE NUMBER : 1-888-627-8740

S.A.R.A. INFORMATION

HAZARDS : Acute

PHYSICAL DATA : Mixture Solid

SECTION I HAZARDOUS INGREDIENTS

Ingredient Cas Number	MAX %	SARA			AIR CONTAMINENT LEVELS			
		APPLIES			TWA/TLV	STEL	CEIL	SKIN
	W/W	312	313	372	(ppm)	(ppm)	(ppm)	
AGENT								
Calcium Chloride	97.0	Y	N	N	NUISANCE DUST OR PARTICULATES			
Calcium Chloride Dihydrate (CAS # 10043-52-4)					Total	TWA 15 mg/m3	OSHA	
					Total	TLV 10 mg/m3	ACGIH	
					Respirable TWA	5 mg/m3	OSHA	

SECTION II HEALTH HAZARDS

POTENTIAL EFFECTS OF EXPOSURE

WARNING! SKIN AND EYE

IRRITANT.

EYES

Eye contact with product may cause irritation burns eye damage

SKIN

Skin contact may cause irritation
burns

INHALATION

Inhalation may cause
irritation

INGESTION

Ingestion may cause irritation tissue
ulceration

TARGET ORGANS

OVEREXPOSURE MAY CAUSE DAMAGE TO,
none currently
known

FIRST AID

FIRST AID EYES

Immediately flush eyes with plenty of water for at least 15 minutes, while holding eyelids
apart

to ensure flushing of entire surface. Call a physician.

FIRST AID SKIN

Immediately flush skin with plenty of water for at least 15 minutes, while removing
contaminated
clothing and shoes. Thoroughly clean clothing and shoes before reuse. Call a
physician.

FIRST AID INHALATION

Remove to fresh air. If not breathing give artificial respiration, preferably mouth to
mouth.

If breathing is difficult give oxygen. Call a
physician.

FIRST AID INGESTION

If swallowed, induce vomiting immediately by giving two glasses of water and sticking
finger
down throat. Never give anything by mouth to an unconscious person. Call a
physician.

OTHER INFORMATION

ROUTES OF ENTRY

eye contact skin
contact

OVEREXPOSURE MAY AGGRAVATE DISORDERS OF THE

skin

CARCINOGEN STATUS

No components, present in excess of 0.1% by weight are listed as carcinogens by IARC, NTP,
or
OSHA.

SECTION III SPECIAL PROTECTION

PROTECTIVE EQUIPMENT

PROTECTIVE EQUIPMENT EYES

safety glasses chemical goggles Always wear eye protection when working with chemicals.
Do

Not wear contact lenses when working with
chemicals.

PROTECTIVE EQUIPMENT SKIN

impervious gloves clean body covering
clothing

PROTECTIVE EQUIPMENT INHALATION

If exposure limits are exceeded, or if exposure may occur, use a NIOSH/MSHA respirator
approved

for your conditions of exposure. Refer to the most recent NIOSH publications concerning chemical hazards, or consult your safety equipment supplier. Respiratory protection programs must be in compliance with OSHA requirements in 29 CFR 1910.134. For emergencies, a NIOSH/MSHA approved positive pressure breathing apparatus should be readily available.

VENTILATION REQUIRED:

Adequate ventilation is required to minimize exposure or to maintain exposure levels below OSHA/ACGIH requirements.

ADDITIONAL PROTECTIVE MEASURES

Safety shower, eye wash fountain, and washing facilities should be readily available.

SECTION IV FIRE & EXPLOSION HAZARD DATA

Flash Point (METHOD): > OR = N/A

Flammable Limits (% Volume in Air) UPPER: N/D Lower: N/D

HMIS Info Health : 0
 Fire : 0
 React : 0
 Special : X

EXTINGUISHING MEDIA

media appropriate for surrounding fire

FIRE FIGHTING PROCEDURES

Not considered a fire hazard.

UNUSUAL FIRE & EXPLOSION HAZARDS

none currently known

SECTION V PHYSICAL DATA

Boiling Point: N/D
Freezing Point: N/D
Specific Gravity (H(2)O=1): N/D
Vapor Pressure (MM HG.): < 0.010 @ 68 deg. F
Vapor Density (AIR=1) : N/D
Evaporation Rate (NA =1): N/D
Solubility in Water: SOLUBLE
Percent Volatile by Volume: N/D
pH: aqueous approx. 6.000 to 9.000

Appearance:

SOLID - POWDER, CRYSTAL, FLAKE, GRANULE
TABLET, PRILL, BRIQUETTE, ETC.

Odor :

NIL

SECTION VI REACTIVITY DATA

STABILITY

Stable

INCOMPATIBILITY

metals/metal

blends

HAZARDOUS DECOMPOSITION PRODUCTS

Emits Toxic Chlorine fumes when heated to decomposition. May form Hydrogen Chloride in the presence of acids or water.

HAZARDOUS POLYMERIZATION

Will not occur

SECTION VII SPILL AND LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Sweep, shovel, or pick up and return to dry, clean container.

DISPOSAL METHOD

Material that cannot be used or chemically reprocessed should be disposed of at an approved facility in accordance with any applicable regulations under the Resource Conservation and Recovery Act. Dispose of material in accordance with all Federal, State and local regulations. Local regulations may be more stringent than Federal or State.

SECTION VIII

Proper Shipping Name: UNCLASSIFIED

Label Requirements: NONE

Reportable Quantity: None

SECTION IX ADDITIONAL INFORMATION

PRECAUTIONS

Do Not get in eyes, or on skin. Do not swallow.

HANDLING

Can cause corrosion of iron and steel at elevated temperature.

STORAGE

Keep container closed when not in use. Store in a cool dry place. Keep out of reach of children.

SECTION X COMPLIANCE INFORMATION

TSCA INVENTORY STATUS :

Listed

INTERNATIONAL INVENTORY STATUS:

Japan (MOL/ISHL) Listed Australia (AICS) Listed Korea (KECI) Listed Canada (DSL)

Listed
Philippines (PICCS)
Listed

NAME: GENE TURNER

DATE ISSUED: 921214

DATE REVISED: 050426

< = LESS THAN

N/A = NOT APPLICABLE

UNK = UNKNOWN

> = MORE THAN

N/D = NOT DETERMINED

N/E = NOT ESTABLISHED

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For emergency assistance involving chemicals,
call CHEMTREC - (800) 424-9300