

SPECTRUM CHEMICAL MFG. CORP. -- POTASSIUM CARBONATE -- 6810-00-227-0405

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

Product ID:POTASSIUM CARBONATE

MSDS Date:06/23/1999

FSC:6810

NIIN:00-227-0405

Status Code:A

MSDS Number: CKPLF

=== Responsible Party ===

Company Name:SPECTRUM CHEMICAL MFG. CORP.

Address:14422 S SAN PEDRO ST

City:GARDENA

State:CA

ZIP:90248-2027

Country:US

Info Phone Num:310-516-8000

Emergency

Phone Num:310-516-8000

Preparer's Name:G.A. BINAS

Chemtrec Ind/Phone:(800)424-9300

CAGE:63415

=== Contractor Identification ===

Company Name:INDUSTRIAL CHEMICAL COMMODITIES INC

Address:15944 DERWOOD RD

Box:City:ROCKVILLE

State:MD

ZIP:20855

Country:US

Phone:800-284-5279

Contract Num:SP0450-00-M-SE17

CAGE:1ELU0

Company Name:SPECTRUM LABORATORY PRODUCTS INC

Address:14422 S SAN PEDRO ST

Box:City:GARDENA

State:CA

ZIP:90248-2027

Country:US

Phone:310-516-8000/FAX: 310-516-9843

CAGE:63415

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= Composition/Information on Ingredients =====

Ingred Name:POTASSIUM CARBONATE

CAS:584-08-7

RTECS #:TS7750000

= Wt:100.

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

LD50 LC50 Mixture:ORAL LD50(RAT): 1370 MG/KG [RAT]

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

Health Hazards Acute and Chronic:EXTREMELY HAZARDOUS IN CASE OF SKIN CONTACT (IRRITANT), OF EYE CONTACT (IRRITANT). VERY HAZARDOUS IN CASE OF SKIN CONTACT (CORROSIVE), OF INGESTI

ON, OF INHALATION. THE

AMOUNT OF TISSUE DAMAGE DEPENDS ON LENGTH OF CONTACT. EYE CONTACT CAN RESULT IN CORNEAL DAMAGE OR BLINDNESS. SKIN CONTACT CAN PRODUCE INFLAMMATION. INHALATION OF DUST WILL PRODUCE IRRITATION TO GASTRO-INTESTINAL OR RESPIRATORY TRACT . SEVERE OVER-EXPOSURE CAN PRODUCE LUNG DAMAGE. CHRONIC: THIS SUBSTANCE IS TOXIC TO MUCOUS MEMBRANES. REPEATED OR PROLONGED EXPOSURE TO THE SUBSTANCE CAN PRODUCE TARGET ORGAN DAMAGE.

Effects of Overexposure:SKIN CON

TACT CAN PRODUCE BLISTERING. INHALATION

OF DUST WILL PRODUCE IRRITATION TO GASTRO-INTESTINAL OR RESPIRATORY TRACT, CHARACTERIZED BY BURNING, SNEEZING & COUGHING. SEVERE OVER-EXPOSURE CAN PRODUCE LUNG DAMAGE, CHOKING, UNCONSCIOUSNESS OR DEATH. INFLAMMATION OF THE EYE IS CHARACTERIZED BY REDNESS, WATERING & ITCHING. SKIN INFLAMMATION IS CHARACTERIZED BY ITCHING, SCALING, REDDENING, OR OCCASIONALLY BLISTERING.

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

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First Aid:EYE-CHECK FOR & REMOVE CONTACT LENSES. DO NOT USE AN EYE OINTMENT. SEEK MEDICAL ATTENTION. SKIN-WASH WITH A DISINFECTANT SOAP & COVER THE CONTAMINATED SKIN WITH AN ANTI-BACTERIAL CREAM. SEEK IMMEDIATE MEDICAL ATTENTION. INHALATION-ALLOW THE VICTIM TO REST IN A WELL VENTILATED AREA. SEEK IMMEDIATE MEDICAL ATTENTION. INGESTION-DO NOT INDUCE VOMITING. EXAMINE LIPS & MOUTH FOR TISSUE DAMAGE. LOOSEN TIGHT CLOTHING SUCH AS COLLAR, TIE, BELT OR WAISTBAND.

IF THE VICTIM IS NOT BREATHING PERFORM MOUTH-TO-MOUTH RESUSCITATION. SEEK IMMEDIATE MEDICAL ATTENTION.

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

Extinguishing Media:NOT APPLICABLE.
Fire Fighting Procedures:NOT AVAILABLE.
Unusual Fire/Explosion Hazard:NOT AVAILABLE.

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

Spill Release Procedures:SMALL SPILL-USE APPROPRIATE TOOLS TO PUT THE SPILLED SOLID IN A CONVENIENT WASTE DISPOSAL CONTAINER.
FINISH
CLEANING BY SPREADING WATER ON THE CONTAMINATED SURFACE & DISPOSE OF ACCORDING TO LOCAL & REGIONAL AUTHORITY REQUIREMENTS.

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===== Handling and Storage =====

Handling and Storage Precautions:CORROSIVE MATERIALS SHOULD BE STORED IN A SEPARATE SAFETY STORAGE CABINET OR ROOM.
Other Precautions:KEEP CONTAINER DRY. DO NOT INGEST. DO NOT BREATHE. NEVER ADD WATER TO THIS PRODUCT IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT. IF INGESTED, SEEK MEDICAL ADVICE IMMEDIATELY & SHOW THE CONTAINER OR THE LABEL. KEEP AWAY FROM INCOMPATIBLES SUCH AS ACIDS, MOISTURE.

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

Respiratory Protection:A SELF CONTAINED BREATHING APPARATUS SHOULD BE USED TO AVOID INHALATION OF THE PRODUCT.
Ventilation:USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS TO KEEP AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS.
Protective Gloves:WEAR GLOVES.
Eye Protection:WEAR SPLASH GOGGLES.
Other Protective Equipment:LAB COAT, VAPOR AND DUST RESPIRATOR. BOOTS. FULL SUIT. SUGGESTED PROTECTIVE CLOTHING MIGHT NOT BE SUFFICIENT; CONSULT A SPECIALIST BEFORE HANDLING THIS PRODUCT.
Supplemental Safety and Health
IF USER OPERATIONS GENERATE DUST, FUME OR MIST, USE VENTILATION TO KEEP EXPOSURE TO AIRBORNE CONTAMINANTS BELOW THE EXPOSURE LIMIT.

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

HCC:B3

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:=891.C, #####F

Spec Gravity:2.29(WATER=1)

Appearance and Odor:WHITE SOLID.(POWDERED SOLID). ODORLESS.

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

Stability Indicator/Materials to Avoid:YES

EXTREMELY REACTIVE OR INCOMPATIBLE WITH ACIDS. REACTIVE WITH MOISTURE.

NON-CORROSIVE IN PRESENCE OF GLASS.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicological Information:ROUTES OF ENTRY: ETE CONTACT. INHALATION.

INGESTION. TOXICITY OF ANIMALS: ACUTE ORAL TOXICITY (LD50): 1870

MG/KG [RAT]. CHRONIC EFFECTS ON HUMANS: THE SUBSTANCE IS TOXIC TO

MUCOUS MEMBRANES. OTHER TOX IC EFFECTS ON HUMANS: EXTREMELY

HAZARDOUS IN CASE OF SKIN CONTACT (IRRITANT). VERY HAZARDOUS IN

CASE OF SKIN CONTACT (CORROSIVE), OF INGESTION, OF INHALATION.

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

Ecological:PRODUCT OF

BIODEGRADATION: POSSIBLY HAZARDOUS SHORT TERM

DEGRADATION PRODUCTS ARE NOT LIKELY. HOWEVER, LONG TERM DEGRADATION

PRODUCTS MAY ARISE. TOXICITY OF THE PRODUCTS OF BIODEGRADATION: THE

PRODUCT S OF DEGRADATION ARE LESS TOXIC THAN THE PRODUCT ITSELF.

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

Waste Disposal Methods:RECYCLE TO PROCESS, IF POSSIBLE. CONSULT YOUR
LOCAL OR REGIONAL AUTHORITIES.

===== MSDS Transport Information =====

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Transport Information:DOT CLASSIFICATION: NOT A DOT CONTROLLED MATERIAL
(UNITED STATES).

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

Federal Regulatory Information:TSCA 8(B) INVENTORY: POTASSIUM

CARBONATE. OSHA: HAZARDOUS BY DEFINITION OF HAZARD COMMUNICATION

STANDARD (29 CFR 1910.1200).

===== Other Information =====

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