

CHEMICAL SPOORS, INC -- POTASSIUM CHLORATE, PRODUCT NO:P3300, P3340, P3388. --  
6810-00-241-1150

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

Product ID:POTASSIUM CHLORATE, PRODUCT NO:P3300, P3340, P3388.

MSDS Date:02/03/1987

FSC:6810

NIIN:00-241-1150

MSDS Number: BXQDK

=== Responsible Party ===

Company Name:CHEMICAL SPOORS, INC

Box:313

City:PROSPECT HTS

State:IL

ZIP:60070

Country:8)

Info Phone Num:312-364-

0150

Emergency Phone Num:800-424-9300(CHEMTREC)/POI CNTRL CN

Preparer's Name:K. KUCHEL

CAGE:CSPOO

=== Contractor Identification ===

Company Name:CHEMICAL SPOORS, INC.

Box:313

City:PROSPECT HEIGHTS

State:IL

ZIP:60070

Country:US

Phone:800-424-9300/312-364-0150

CAGE:CSPOO

Company Name:WARDS NATURAL SCIENCE ESTABLISHMENT INC

Address:5100 W HENRIETTA RD

Box:92912

City:ROCHESTER

State:NY

ZIP:14692-9012

Country:US

Phone:(716) 359-2502

CAGE:63759

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

=====

Ingred Name:POTASSIUM CHLORATE  
CAS:3811-04-9  
RTECS #:FO0350000  
Fraction by Wt: 100%  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NOT ESTABLISHED.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:TOXIC. IRRITATION BY ALL EXPOSURE  
ROUTES.  
Effects of Overexposure:NAUSEA, HEADACHE. (WHEN IN DOUBT CALL PHYSICIAN  
OR LOCAL POISON CONTROL CENTER.)  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:SKIN:REMOVE CONTAMIN CLOTH.WASH W/SOAP/MILD DETERGENT/WATER  
FOR @LEAST 15MINS.IRRIT DEVELOPS/PERSISTS GET MED ATTN.EYE:WASH  
W/PLENTY OF WATER FOR @LEAST 15MINS LIFTING EYELIDS.GET MED ATTN  
IMMED.INHAL :REMOVE TO FRESH AIR.NOT BREATH GIVE ART RESP.DIFFI  
BREATH GIVE OXY.CALL PHYSICIAN.INGEST:INDUCE V  
OMIT IMMED BY GIVING  
2 GLASSES OF WATER & STICKING FINGER DOWN THROAT.NEVER GIVE  
ANYTHING BY (SUPPLEM)

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

Extinguishing Media:USE ANY MEDIUM SUITABLE FOR EXTINGUISHING  
SUPPORTING FIRE. (CALL FIRE DEPT IMMED.)  
Fire Fighting Procedures:IN EVENT OF FIRE WEAR PROTECTIVE CLOTH & NIOSH  
APPROVED SELF-CONTAINED BREATHING APPARATUS W/FULL FACEPIECE  
OPERATED IN PRESSURE DEMAND OR OTHER POS PRESS MODE.  
Unusual Fire/Expl  
osion Hazard:NOT COMBUST BUT HAZ OXIDIZ MATL.CONTACT  
W/EASILY OXIDIZABLE SUBS MAY CAUSE IGN/VIOLENT  
COMBUST/EXPLO.INCREASES FLAMM OF COMBUST MATL.RELEASES OXY.EXPLO  
W/H2SO4.

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

Spill Release Procedures:RECOMMENDATIONS ONLY,CHECK ALL  
REGS:VENTILATE.CLENUP PERSONNEL MAY REQUIE PROT CLOTH/RESP PROT  
FROM DUST.SWEEP UP & CONTAINERIZE FOR RECLAMATION/DISPSOAL.AVOID  
DUST DISPERSAL.TRACE RESIDUE MAY BE FLU SHED T

O SEWER W/LG AMTS OF  
WATER.AVOID COMBUST.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT STORE W/INCOMPATIBLES MATLS.  
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:DUST RESPIRATOR.  
Ventilation:LOCAL EXHAUST, MECHANICAL (GENERAL).  
Protective Gloves:RUBBER GLOVES.  
Eye Protection:GOGGLES

Other Protective Equipment:APRON.  
Work Hygienic Practices:WASH HANDS AFTER HANDLING.  
Supplemental Safety and Health  
1ST AID:MOUTH IF UNCONSC.CALL PHYSICIAN IMMED.

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

HCC:D1  
Boiling Pt:B.P. Text:752F,400C  
Melt/Freeze Pt:M.P/F.P Text:673F,356C  
Decomp Temp:Decomp Text:752F,400C  
Spec Gravity:2.3  
Solubility in Water:SLIGHTLY (6.8% @68F)  
Appearance and Odor:WHITE CRYSTALS, NO ODOR.

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

Stability Indicator/Materials to Avoid:YES  
SULFURIC ACID, IODIDES, TARTARIC ACID, ALUMINUM, ORGANIC SUBSTANCES,  
EASILY OXIDIZED SUBSTANCES.  
Stability Condition to Avoid:NONE.  
Hazardous Decomposition Products:CHLORINE AND POTASSIUM OXIDE FUMES.

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

Waste Disposal Methods:DISPSOAL:WHATEVER CANNOT BE SAVED FOR  
RECLAMATION MAY BE DISPOSED IN RCRA APPROVED HAZ WASTE  
FACILITY.RECOMMENDATION ONLY,CHECK LOCAL

, STATE AND FEDERAL  
REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this in  
formation to their  
particular situation.