

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:312-364-0

150

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 ==

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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 VO
MIT 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/Explo
sion 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 REQUIRE PROT CLOTH/RESP PROT
FROM DUST.SWEEP UP & CONTAINERIZE FOR RECLAMATION/DISPSOAL.AVOID
DUST DISPERSAL.TRACE RESIDUE MAY BE FLU SHED TO

SEWER W/LG AMTS OF
WATER.AVOID COMBUST.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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Exposure Controls/Personal Protection
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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.

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Physical/Chemical Properties
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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.

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Stability and Reactivity Data
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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.

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Disposal Considerations
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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.

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