

P Q CORP -- SODIUM SILICATE SOLUTION -- 6810-00-247-0607

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Product Identification
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Product ID:SODIUM SILICATE SOLUTION

MSDS Date:10/27/1988

FSC:6810

NIIN:00-247-0607

MSDS Number: BDNLK

=== Responsible Party ===

Company Name:P Q CORP

Address:11 EXECUTIVE MALL

Box:840

City:VALLEY FORGE

State:PA

ZIP:19482

Country:US

Info Phone Num:215-293-7200

Emergency Phone Num:215-293-7200

Preparer's Nam

e:JOHN G. BLUMBERG

CAGE:08867

=== Contractor Identification ===

Company Name:POTTERS INDUSTRIES INC

Box:840

City:VALLEY FORGE

State:PA

ZIP:19482-0840

Country:US

Phone:201-507-4204

CAGE:08867

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Composition/Information on Ingredients
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Ingred Name:SODIUM SILICATE

CAS:1344-09-8

Other REC Limits:C 5 MG/M3 PQ

Ingred Name:OTHER INGREDIENTS

Other REC Limits:NONE RECOMMENDED

OSHA PEL:NOT ESTABLISHED.

ACGIH TLV:NOT ESTABLISHED.

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Hazards Identification
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LD50 LC50 Mixture:ORAL LD50 (RAT) IS 1153MG/KG
Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:**CORROSIVE(ALKALINE)** EYES:MAY CAUSE IRRITATION.SKIN:MAY CAUSE IRRITATION.THIS ITEM DRIES TO GLASSY FILM WHICH CAN CAUSE CUTS.INGEST:MAY CAUSE GI TRACT IRRITATION.INHAL:MAY CAUSE RESPIRATORY IRRITATION.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%
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HIGH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Effects of

Overexposure:INHAL:SNEEZING,BURNING,ITCHING.EYES:REDNESS,TEARING,PAIN.SKIN:ITCHING.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN AND RESPIRATORY AILMENTS(EG.ASTHMA) MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING.GET PROMPT QUALIFIED MEDICAL ATTENTION.

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

Flash Point:NONE

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.

Unusual Fire/Explosion Hazard:NOT KNOWN.

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

Spill Release Procedures:SMALL SPILL MAY BE FLUSHED INTO DRAIN WITH LARGE AMOUNT OF WATER, IF PERMITTED. DIKE AND STORE LARGE SPILLS FOR LATER DISPOSAL.

Neutralizing Agent:WEAK(DILUTE) ACID.

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

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM INCOMPATIBLE MA

TERIALS.

Other Precautions:SPILLS ARE VERY SLIPPERY.THIS ITEM CAN ETCH GLASS IF NOT PROMPTLY REMOVED.DO NOT STORE IN ALUMINUM OR GALVANIZED STEEL CONTAINERS.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A NIOSH/MSHA APPROVED RESPIRATOR FOR ALKALINE ORGANIC MISTS.

Ventilation:USE GENERAL DILUTION VENTILATION.

Protective Gloves:RUBBER

Eye Protection:CHEMICAL SPLASH GOG

GLASSES & FACE SHIELD

Other Protective Equipment:PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health

NOTE:CLASS1=41.5 BAUME;THIS ITEM IS 41 BAUME.

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

HCC:B1

Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN

Spec Gravity:1.3-1.5(LIQUID)

pH:11- 13

Solubility in W

ater:COMPLETE

Appearance and Odor:VISCOUS LIQUID, COLORLESS TO HAZY - ODORLESS

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

Stability Indicator/Materials to Avoid:YES

METALS SUCH AS ALUMINUM, TIN, LEAD AND ZINC(EVOLVES HYDROGEN GAS).ACIDS(CAUSES THIS ITEM TO GEL).

Stability Condition to Avoid:STORAGE IN VESSELS MADE OF AL,SN,ZN,PB.

Hazardous Decomposition Products:FLAMMABLE HYDROGEN GAS MAY BE FORMED ON PROLONGED CONTACT WITH METALS SUCH AS ALUMINUM, TIN, LEAD AN

D

ZINC.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE
AND FEDERAL REGULATIONS.

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