

PARK CHEMICAL CO -- NO CARB -- 6850-00-664-0355

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

Product ID:NO CARB

MSDS Date:11/03/1997

FSC:6850

NIIN:00-664-0355

MSDS Number: BFKJR

=== Responsible Party ===

Company Name:PARK CHEMICAL CO

Address:8074 MILITARY AVE

City:DETROIT

State:MI

ZIP:48204-3518

Country:US

Info Phone Num:313-895-7215

Emergency Phone Num:313-895-7215

CAGE:77114

=== Contractor Identification ===

Company Name:HEATBATH CORP

Address:107 FRONT ST

Box:2978

Cit

y:SPRINGFIELD

State:MA

ZIP:01101

Country:US

Phone:413-543-3381

CAGE:27904

Company Name:PARK CHEMICAL CO

Address:8074 MILITARY AVE

Box:City:DETROIT

State:MI

ZIP:48204-3518

Country:US

Phone:313-895-7215

CAGE:77114

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

Ingred Name:SODIUM SILICATE/METASILICATE

CAS:6834-92-0

RTECS #:VV9275000

Other REC Limits:NONE RECOMMENDED

Ingred Name:SILICA, CRYSTALLINE - QUARTZ

CAS:14808-60-7

RTECS #:VV7330000

Other REC Limits:NONE RECOMMENDED

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SHA PEL:SEE TABLE Z-3  
ACGIH TLV:0.1 MG/M3 RDUST;9596

Ingred Name:COPPER (SARA 313) (CERCLA)  
CAS:7440-50-8  
RTECS #:GL5325000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.1MG/M3 FUME/1 DUST  
ACGIH TLV:0.2 MG/M3 FUME; 9596  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:FELDSPAR  
CAS:68476-25-5  
Other REC Limits:NONE RECOMMENDED

Ingred Name:TITANIUM DIOXIDE  
CAS:13463-67-7  
RTECS #:XR2275000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9596

Ingred Name:ZI  
RCONIUM  
CAS:7440-67-7  
RTECS #:ZH7070000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3  
ACGIH TLV:5 MG/M3/10 STEL;9596

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, RESPIRATORY  
AND GASTROINTESTINAL TRACTS. ACUTE- MAY CAUSE EYE, SKIN AND  
RESPIRAT  
ORY TRACT IRRITATION. MAY BE CORROSIVE TO EYES AND MUCOUS  
MEMBRANES. HARMFUL/FATAL IF INGESTED. DUST IS HARMFUL IF INHALED.  
CHRONIC- SILICA DUST CAUSES SILICOSIS.  
Explanation of Carcinogenicity:CONTAINS CRYSTALLINE SILICA (QUARTZ).  
Effects of Overexposure:IRRITATION, NAUSEA, VOMITING, TEARING, PAIN  
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN  
DISORDERS SUCH AS ALLERGIES, ECZEMA MAY BE MORE SUSCEPTIBLE TO THE  
EFFECTS OF THIS PRODUCT.

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First Aid Measures =====

First Aid:GET MEDICAL HELP IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER FOR. INHALED:MOVE TO FRESH AIR. ORAL:IF CONSCIOUS, PROVIDE GASTRIC LAVAGE. DO NOT INDUCE VOMITING. CALL A PHYSICIAN.

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

Flash Point:NONE  
Lower Limits:NOT RELEVANT  
Upper Limits:NOT RELEVANT  
Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.  
Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. VENTILATE AREA. ABSORB ON SAND, VERMICULITE OR SIMILAR MATERIAL. SWEEP UP AND PLACE IN AN APPROPRIATE CONTAINER. HOLD FOR DISPOSAL. WASH CONTAMINATED SPILL AREA WITH DETERGENT AND WATER.  
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN CLOSED CONTAINERS. DO NOT FREEZE.  
Other Precautions:WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, SMOKING. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. DO NOT GET IN EYES OR ON SKIN.

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

Respiratory Protection:IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE CONCENTRATIONS TO AN ACCEPTABLE LEVEL, A NIOSH-APPROVED RESPIRATOR MUST BE WORN.  
Ventilation:GENERAL MECHANICAL VENTILATION IS ADEQUATE FOR NORMAL USE.  
Protective Gloves:LATEX FOR REPEATED/PROLONGED CONTACT  
Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES  
Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING  
Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.  
Supp

lemental Safety and Health

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

HCC:B3

NRC/State Lic Num:NOT RELEVANT

Spec Gravity:1.91

Solubility in Water:PRECIPITATE

Appearance and Odor:LIGHT BROWN LIQUID

Percent Volatiles by Volume: