

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
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Company Name:HEATBATH CORP
Address:107 FRONT ST
Box:2978
City: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
OSHA 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 P
EL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9596

Ingred Name:ZIRCONIUM
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 GAST

ROINTESTINAL TRACTS. ACUTE- MAY CAUSE EYE, SKIN AND
RESPIRATORY 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 SUSCEPTI
BLE TO THE
EFFECTS OF THIS PRODUCT.

===== 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 INDUC E VOMITING. CALL A PHYSICIAN.

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

Flash Point:NONE
Lower Limits:NOT RELEVANT
Upper Limits:NOT RELEV
ANT
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 CONTAI
NER. HOLD FOR DISPOSAL. WASH CONTAMINATED
SPILL AREA WITH DETERGE NT 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.

Supplemental 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: