

## **CALCIUM CARBIDE,CARBIDE**

### **MSDS Number**

BBCQR

### **National Stock Number**

6810-00D000414

### **Product Name**

CALCIUM CARBIDE,CARBIDE

### **Manufacturer**

PACIFIC CARBIDE AND ALLOYS CO

### **Product Identification**

Product ID:CALCIUM CARBIDE,CARBIDE

MSDS Date:01/01/1985

FSC:6810

NIIN:00D000414

MSDS Number: BBCQR

### **Responsible Party**

PACIFIC CARBIDE & ALLOYS CO.

9901 HURST AVE

PORTLAND , OR 97217

US

Cage: 84942

### **Contractor**

PACIFIC CARBIDE AND ALLOYS CO

17008

PORTLAND, OR 97217

US

Cage: 84942

### **Ingredients**

CALCIUM CARBIDE (SARA III)

CAS: 75-20-7

RTECS: EV9400000

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

### **Hazards**

Effects of Overexposure:EYE & SKIN IRRITATION.

### **First Aid**

First Aid:INHALATION OF DUST:REMOVE FROM FURTHER EXPOSURE & CALL A DR.,SKIN:WASH WITH PLENTY OF WATER.EYES:FLUSH WITH CLEAN RUNNING WATER AT AN EYE WASH FOUNTAIN FOR AT LEAST 15 MINS & GET MEDICAL ATTENTION.

### **Fire Fighting**

Extinguishing Media:DRY POWDER;PREFERABLEY ALLOW FIRE TO BURN.

Fire Fighting Procedures:DO NOT USE WATER IN CALCIUM CARBIDE STORAGE AREA,NO FOAM.

Unusual Fire/Explosion Hazard:NONE WHEN KEPT DRY.FLAMMABLE EXPLOSIVE

GAS IS PRODUCED ON CONTACT WITH WATER OR MOISTURE.

## Accidental Release

Spill Release Procedures:COVER WITH SAND.TRANSFER INTO A DRY BUCKET OR PLASTIC BAG & TAKE OUT TO AN OPEN AREA.DESTROY CAUTIOUSLY BY ADDING VERY SLOWLY TO A LARGE AMOUNT OF WATER.BURN THE PRODUCT GAS BY PILOT BURNER.AFTER 24 H OURS DRAIN INTO AN APPD STG CONTAINER W/EXCES WATE

## Handling

Handling and Storage Precautions:PROTECT CONTAINERS AGAINST PHYSICAL DAMAGE.COMPLETELY SEPARATE FROM WATER.AVOID FIRES & IGNITION SOURCES.ELECTRIC EQUIPMENTS SHOULD BE EXPLOSION-PROOF  
Other Precautions:NO LOADING OR MIXING WITH GUN POWDERS,COMBUSTIBLE SOLIDS,CORROSIVE SUBSTANCES,TOXIC MATERIALS,ORGANIC PEROXIDES & STRONG OXIDIZING AGENTS.WEAR CHEM.GOGGLES,RUBBER GLOVES.KEEP DRY & WELL VENTLD

## Exposure Controls

Respiratory Protection:NONE  
Protective Gloves:RUBBER  
Eye Protection:CHEMICAL GOGGLES  
Other Protective Equipment:USE PROTECTIVE CREAM.  
Supplemental Safety and Health  
SOLUBILITY IN WATER:REACTS WITH WATER GENERATING ACETYLENE GAS(FLAMMABLE EXPLOSIVE GAS).

## Chemical Properties

HCC:F8  
Spec Gravity:2.22  
Solubility in Water:SEE SUPPL.  
Appearance and Odor:ROCK-LIKE SOLID;IRRIGULAR SURFACE-ODOR OF ACETYLEN

## Stability

Stability Indicator/Materials to Avoid:YES  
COPPER,BRASS WATER OR MOISTURE,FIRES,CORROSIVES,OXIDIZERS.  
Stability Condition to Avoid:EXPOSURE TO MOISTURE.  
Hazardous Decomposition Products:ACETYLENE GAS IS GENERATED WHEN EXPOSED TO AIR.

## Disposal

Waste Disposal Methods:DIRTY OR CONTAMINATED CALCIUM CARBIDE SHOULD BE SCATTERED ON THE GROUND IN A WELL VENTILATED, ISOLATED LOCATION.DECOMPOSING WILL BE SLOW.

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