

## **OAKITE 32;CODE:0320**

### **MSDS Number**

BFZJY

### **National Stock Number**

6850-00-962-9759

### **Product Name**

OAKITE 32;CODE:0320

### **Manufacturer**

OAKITE PRODUCTS INC

### **Product Identification**

Product ID:OAKITE 32;CODE:0320

MSDS Date:01/02/1990

FSC:6850

NIIN:00-962-9759

MSDS Number: BFZJY

### **Responsible Party**

OAKITE PRODUCTS INC

50 VALLEY ROAD

BERKELEY HEIGHTS , NJ 07922-2712

US

Emergency Phone: 201-464-6900 /800-424-9300(CHEMTREC)

Info Phone: 201-464-6900

Preparer: SCOTT M.CLARK

Cage: 44389

### **Contractor**

OAKITE PRODUCTS INC

BERKELEY HEIGHTS, NJ 07922

US

908-464-6900

Cage: 44389

### **Ingredients**

HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA III)

CAS: 7647-01-0

RTECS: MW4025000

Fraction By Weight: 25-35%

OSHA PELC 5 PPM

ACGIH TLV: C 5 PPM; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

"NOT HAZARDOUS" INGREDIENTS

Fraction By Weight: BALANCE

### **Hazards**

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: CORROSIVE! INHALATION CAN CAUSE COUGHING, CHOKING, & INFLAMATION OF THE RESPIRATORY TRACT. SWALLOWING CAN CAUSE BURNS TO MOUTH & G.I. TRACT. EYE CONTACT CAN CAUSE SEVERE BURNS & DAMAGE. SKIN CONTACT CAN CAUSE SEVERE BURNS AND DEEP ULCERS & DISCOLOR SKIN. CHRONIC: CONCENTRATED VAPORS MAY CAUSE EROSION OF TEETH.

Explanation of Carcinogenicity:DATA PER MSDS.  
Effects of Overexposure:INFLAMATION OF THE NOSE, THROAT, UPPER RESPIRATORY TRACT, EYES, SKIN AND MUCOUS MEMBRANES. VERY CORROSIVE AND CAN CAUSE SEVERE BURNS AND DAMAGE. LONG TERM EXPOSURES SELDOM OCCUR DUE TO THE CORROSIVE PROPERTIES OF THE ACID.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

## First Aid

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET IMMEDIATE MEDICAL ATTENTION. SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. GET IMMEDIATE MEDICAL ATTENTION. INGESTION:DO NOT INDUCE VOMITTING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.

## Fire Fighting

Flash Point:NONE  
Extinguishing Media:USE MEDIA SUITABLE FOR SURROUNDING MATERIALS  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.  
Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

## Accidental Release

Spill Release Procedures:SMALL SPILL: FLUSH WITH WATER AND NEUTRALIZE WITH ALKALINE MATERIAL. SEWER NEUTRALIZED MATERIAL WITH EXCESS WATER. LARGE SPILL: EVACUATE AND VENTILATE AREA. IF POSSIBLE, STOP LEAK. DIKE TO RETAIN RUN OFF. NEUTRALIZE & PICK UP WITH ABSORBENT MATERIAL.  
Neutralizing Agent:SODA ASH, LIME OR OTHER SUITABLE ALKALINE MATERIAL.

## Handling

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE & DIRECT SUNLIGHT.  
Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. FOR INDUSTRIAL USE ONLY.

## Exposure Controls

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED FULL FACEPIECE CHEMICAL CARTRIDGE RESPIRATOR OR A SUPPLIED AIR FULL FACEPIECE RESPIRATOR OR AIRLINED HOOD.  
Ventilation:A SYSTEM OF LOCAL EXHAUST IS RECOMMENDED TO KEEP EMPLOYEE EXPOSURES BELOW THE TLV.  
Protective Gloves:NEOPRENE OR RUBBER GLOVES  
Eye Protection:CHEMICAL SAFETY GOGGLES WITH FACE SHIELD  
Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. IMPERVIOUS BOOTS, APRON, OR COVERALLS AS REQUIRED.  
Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS. PROTECT FROM MOISTURE.

## Chemical Properties

HCC:C1

Boiling Pt:B.P. Text:182F,83C

Vapor Pres:25

Vapor Density:1.27

Spec Gravity:1.160

pH:Evaporation Rate & Reference:1.0(WATER=1)

Solubility in Water:COMPLETE

Appearance and Odor:LIGHT TO DARK BROWN LIQUID; PUNGENT ODOR.

Percent Volatiles by Volume:0.0

## Stability

Stability Indicator/Materials to Avoid:YES

OXIDIZERS,STRONG ALKALIES;SOME METALS

Stability Condition to Avoid:HIGH TEMPERATURES

Hazardous Decomposition Products:WHEN HEATED TO DECOMPOSITION, EMITS TOXIC HYDROGEN CHLORIDE FUMES. WILL REACT WITH WATER TO PRODUCE HEAT AND TOXIC FUMES.

## Disposal

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. DISPOSE IN A RCRA-APPROVED WASTE FACILITY OR SEWER THE NEUTRALIZED SLURRY WITH EXCESS WATER IF LOCAL ORDINANCES ALLOW.

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