



444

MSDS Number

BBCQC

National Stock Number

6850-00D000399

Product Name

444

Manufacturer

OAKITE PRODUCTS INC

Product Identification

Product ID:444
MSDS Date:01/01/1985
FSC:6850
NIIN:00D000399
MSDS Number: BBCQC

Responsible Party

OAKITE PRODUCTS,INC
50 VALLEY ROAD
BERKELEY HEIGHTS , NJ 07922-2712
US
Cage: DO496

Contractor

OAKITE PRODUCTS, INC.
BERKELEY HEIGHTS, NJ 07922
US
201-464-6900 /800-424-9300(CHEMTREC
Cage: DO496

Ingredients

SODIUM HYDROXIDE (SARA III)
CAS: 1310-73-2
RTECS: WB4900000
Fraction By Weight: 40.0%
OSHA PEL2 MG/M3
ACGIH TLV: C 2 MG/M3; 9293
EPA Report Quantity: 1000 LBS
DOT Report Quantity: 1000 LBS

SODIUM CARBONATE

CAS: 497-19-8

RTECS: VZ4050000

Fraction By Weight: 35.0%

SODIUM TETRABORATE, DECAHYDRATE



CAS: 1303-96-4
RTECS: VZ2275000
Fraction By Weight: 10.0%
OSHA PEL10 MG/M3
ACGIH TLV: 5 MG/M3; 9192

NITRITE SALT
CAS: 1594-56-5
RTECS: XK9450000
Fraction By Weight: 10.0%

Hazards

Effects of Overexposure: DIRECT CONTACT CAUSES BURNS OF EYES & SKIN. INHALATION OF DUST OR MIST MAY CAUSE IRRITATION OF MEMBRANS

First Aid

First Aid: EYES & SKIN: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MIN. FOR EYES GET MEDICAL ATTEN. REMOVE CONTAMINATED CLOTHING & SHOES & WASH BEFORE REUSE. IF INHALED, REMOVE TO UNCONTAMINATED ATMOSPHERE.

Fire Fighting

Extinguishing Media: WILL NOT BURN OR SUPPORT COMBUSTION
Fire Fighting Procedures: WEAR FULL PROTECTIVE CLOTHING. DO NOT SPLATTER OR SPLASH MATERIAL
Unusual Fire/Explosion Hazard: REACTS WITH ALUMINUM GIVING OFF HYDROGEN GAS

Accidental Release

Spill Release Procedures: SWEEP UP DRY POWDER, IN ANY CASE, FLUSH AREA W/ WATER NEUTRALIZE REMAINING TRACES WITH DILUTE ACID; E.G. ACETIC, IMMEDIATELY AFTER FLUSHING, OR BY COVERING W/ SODIUM BICARBONATE. FLUSH AREA W/ H₂O. AVOID CONTACT OF CONCENTRATED W/ ACIDIC MATERIALS. VENTILATE

Handling

Handling and Storage Precautions: AVOID CONTACT WITH EYES, SKIN & CLOTHING. WASH THOROUGHLY AFTER HANDLING. AVOID BREATHING DUST OR MIST. SUITABLE FOR GENERAL INDOOR STORAGE IN COOL, DRY PLACE.
Other Precautions: KEEP CONTAINER CLOSED WHEN NOT IN USE. WHEN PREPARING NEW SOLUTION OR ADDING TO EXISTING SOLUTION, SLOWLY SPRINKLE PRODUCT OVER SURFACE OF SOLUTION WHILE STIRRING TO AVOID VIOLENT SPLATTERING. (SEE SUPPLEMENTAL DATA)

Exposure Controls

Respiratory Protection: IF NECESSARY, USE DUST MASK WHEN CHARGING
Ventilation: LOCAL EXHAUST FOR REMOVAL OF DUST & AT HIGH TEMPERATURE TO REMOVE MIST
Protective Gloves: RUBBER, VINYL.
Eye Protection: SAFETY GOGGLES.
Other Protective Equipment: RUBBER, VINYL OR NEOPRENE APRON, PROTECTIVE CLOTHING, EYEWASH & SHOWER
Supplemental Safety and Health
OTHER PRECAUTIONS (CONT): DO NOT ADD LARGE AMOUNTS OF DRY POWDER TO SOLUTION AT ONE TIME. DO NOT ADD TO HOT SOLUTION > 110°F. PH OF ITEM IS 12.7 AT OZ/GAL.

Chemical Properties

HCC: C2
Spec Gravity: 1.1
Solubility in Water: APPRECIABLE



Appearance and Odor:OFF-WHITE,FREE-FLOWING POWDER;BLAND ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
ACIDIC MATERIALS,HOT WATER.

Hazardous Decomposition Products:WHEN HEATED TO DECOMPOSITION,MAY YIELD
OXIDES OF NITROGEN.

Disposal

Waste Disposal Methods:NEUTRALIZE SLOWLY WHILE STIRRING W/ACIDIC
MATERIAL TO PH OF 8.DILUTE & DISCHARGE ACCORDING TO FEDERAL,STATE &
LOCAL REGS.PROVIDE ADEQUATE VENTILATION.

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