

BARTLETT CHEMICALS -- 3K GPH ROWPU KIT (PART 4 OF 10 PART KIT) -- 6850-01-423-1699

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

Product ID:3K GPH ROWPU KIT (PART 4 OF 10 PART KIT)

MSDS Date:11/17/1993

FSC:6850

NIIN:01-423-1699

Status Code:A

Kit Part:Y

MSDS Number: CKFCT

=== Responsible Party ===

Company Name:BARTLETT CHEMICALS

Address:4955 RIVER ROAD

Box:10710

City:JEFFERSON

State:LA

ZIP:70121

Country:US

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Info Phone Num:504-734-1971

Emergency Phone Num:800-256-2436/800-424-9300(CHEMTREC)

CAGE:1V771

=== Contractor Identification ===

Company Name:BARTLETT CHEMICALS

Address:4955 RIVER ROAD

Box:10710

City:JEFFERSON

State:LA

ZIP:70121

Country:US

Phone:504-734-1971

CAGE:1V771

Company Name:DDRV STOCK MAINTENANCE DIV/DDRV-H

Address:8000 JEFFERSON-DAVIS HIGHWAY

Box:City:RICHMOND

State:VA

ZIP:23297

Country:US

Phone:804-279-3125

CAGE:02LX8

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

Ingred Name:PHOSPHONIC ACID (NITRILO TRIS(METHYLENE))TRI-
CAS:6419-19-8
RTECS #:SZ9860000
Fraction by Wt: 50%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.
Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, MUCOUS
MEMBRANES. ACUTE- CORROSIVE. EYE/SKIN:MAY CAUSE IRRITATION
& BURNS.
INHALE:NOT LIKELY AT AMBIENT TEMPERATURES. ORAL:HARMFUL IF
SWALLOWED. MAY CAUSE GI TRACT IRRITATION, MOUTH & THROAT BURNS.
CHRONIC- POSSIBLE EFFECTS ON CALCIUM METABOLISM.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, BURNS, PAIN, TEARING, BLURRED
VISION

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===== First Aid Measures =====

First Aid:GET IMMEDIATE MEDICAL HELP FOR ALL CASES OF EXPOSURE.
EYES/SKIN:FLUSH WITH WATER FOR AT LEAST 15 MINUTES. H
OLD EYELIDS
OPEN. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NECESSARY.
ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK LARGE AMOUNT OF
MILK/WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
IF VOMITING OCCURS SPONTANEOUSLY, KEEP AIRWAY CLEAR.

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

Flash Point:NONE
Extinguishing Media:USE DRY CHEMICAL OR CARBON DIOXIDE FOR SMALL FIRE.
USE ALCOHOL FOAM OR WATER FOG FOR FOR LARGE FIRE.
Fire
Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS. COOL FIRE-EXPOSED CONTAINER
WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:LIBERATES TOXIC PHOSPHINE GASES.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ABSORB SPILL ON
SAWDUST, DIATOMACEOUS EARTH OR SAND. SCRAPE UP AND TRANSFER TO A
SUITABLE CONTAINER FOR LATER DISPOSAL. PREVENT RUNOFF FROM ENTERING

DRAINS, SEWERS OR STREAM S. REPORT SPILLS AS REQUIRED.

Neutralizing Agent:WEAK BASE

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

Handling and Storage Precautions:STORE IN A COOL PLACE. KEEP CONTAINER CLOSED. KEEP AWAY FROM INCOMPATIBLE SUBSTANCES.

Other Precautions:CORROSIVE. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. KEEP OUT OF REACH OF CHILDREN. OBEY HAZARD WARNING LABEL. FOR LABORATORY USE ONLY. NOT FOR DRUG, FOOD/HOUSEHOLD USE. USE WITH ADEQUATE VENTILATION.

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

Respiratory Protection:IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE CONCENTRATIONS TO AN ACCEPTABLE LEVEL OR MISTS PRESENT, A NIOSH-APPROVED ACID GAS RESPIRATOR MUST BE WORN.

Ventilation:LOCAL VENTILATION RECOMMENDED.

Protective Gloves:RUBBER OR PLASTIC

Eye Protection:SAFETY GLASSES WITH SIDE SHIELD/GOGGLES

Other Protective Equipment:EYE WASH STATION, QUICK DRENCH SHOWER AND IMPERVIOUS CLOTHING

Work

Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

KEY 1: C1 THIS ITEM IS NSN: 6850-01-362-0945, CAGE 1V771. THIS IS PART 4 OF A 12 PART KIT (10 PARTS ARE HAZARDOUS). SEE THIS NSN FOR PART1-10 WHICH ARE THE HAZARDOUS COMPONENTS OF THIS KIT. THE NON-HAZARDOUS ITEMS ARE NSN: 4330-01-350-9102; CARTRIDGE ELEMENT AND NSN: 4330-01-350-9101; FILTER.

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

HCC:C1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:226F,108C

Melt/Freeze Pt:M.P/F.P Text:-4F,-20C

Decomp Temp:Decomp Text:>392F,>200C

Spec Gravity:1.33

pH: