

BARTLETT CHEMICALS -- 3K GPH ROWPU KIT (PART 7 OF 10 PARTS) -- 6850-01-423-1699

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

Product ID:3K GPH ROWPU KIT (PART 7 OF 10 PARTS)

MSDS Date:05/20/1993

FSC:6850

NIIN:01-423-1699

Kit Part:Y

MSDS Number: CBSQY

=== Responsible Party ===

Company Name:BARTLETT CHEMICALS

Address:4955 RIVER ROAD

City:JEFFERSON

State:LA

ZIP:70121

Country:US

Info Phone Num:504-734-1971

Emer

gency Phone Num:504-734-1971/800-424-9300(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:SODIUM METABISULF

ITE/SODIUM BISULFITE

CAS:7681-57-4

RTECS #:UX8225000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3; 9293

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

LD50 LC50 Mixture:TLV IS 5 MG/M3 (RTECS).

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE- EYES:DUST/MIST MAY

IRRITATE/BURN. SKIN:REPEATED/PROLONGED CONTACT WITH DUST/MIST MAY CAUSE IRRITATION.

INHALATION:DUST/MIST MAY CAUSE RESPIRATORY TRACT

IRRITATION. ORAL:MAY CAUSE GI IRRITATION. VERY LARGE DOSES MAY CAUSE DEPRESSION & DEATH. CHRONIC- UNKNOWN. TARGET ORGANS:EYES, SKIN, LUNGS, GI TRACT.

Effects of Overexposure:EYES, SKIN, RESPIRATORY AND GASTROINTESTINAL TRACTS IRRITATION AND BURNS

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

First Aid:CALL A DOCTOR IF SYMPTOMS PERSIST. EYE: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS O

PEN. SKIN: WASH WITH

SOAP & WATER. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL :IF CONSCIOUS, DRINK PLENTY OF WATER OR MILK. INDUCE VOMITING. CALL A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY.

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

Flash Point:NON-FLAMMABLE

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.

Unusual Fire/Explosion Hazard:MAY FORM SODIUM SULFIDE WHICH IS AN EXPLOSIVE HAZARD AND STRONGLY ALKALINE IN CONTACT WITH WATER.

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

Spill Release Procedures:VACUUM OR SWEEP UP SPILLAGE. AVOID CREATING DUST. PLACE SPILLAGE IN APPROPRIATE CONTAINER FOR WASTE DISPOSAL. VENTILATE AREA AND CAUTIOUSLY SPRAY RESIDUE WITH PLENTY OF WATER. AVOID

BREATHING SULFUR DIOXIDE GAS WHICH WILL BE GENERATED DUE TO WATER.

Neutralizing Agent:ALKALI

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL-VENTILATED PLACE AWAY FROM INCOMPATIBLE MATERIALS.

Other Precautions:DO NOT RAISE DUST. AVOID CONTACT WITH EYES AND SKIN. AVOID INHALATION OF DUST OR MIST. WASH THOROUGHLY AFTER HANDLING MATERIAL. KEEP OUT OF REACH OF CHILDREN. KEEP AWAY FROM WATER AND ACID

S.

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

Respiratory Protection:IF WORKING IN A CONFINED AREA OR IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE CONCENTRATIONS BELOW TLV, USE NIOSH- APPROVED SELF-CONTAINED BREATHING APPARATUS OR SUPPLIED AIR RESPIRATOR, OPERATED IN POSITIVE PRESSURE MODE.

Ventilation:LOCAL EXHAUST

Protective Gloves:COTTON

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:EYE WASH STATION, HARD HAT, FULL WORK CLOTH ING

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTACT LENSES.

Supplemental Safety and Health

KEY 1: N1. THIS ITEM IS NSN: 6810-01-359-4918, CAGE 1V771 WHICH IS PART 7 OF A 12 PART KIT. (10 PARTS HAZARDOUS). SEE THIS NSN AND PART 1-10 FOR THE MSDS'S 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

Decomp Temp:Decomp Text:>302F,>150C

Spec Gravity:1.48

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:39% @ 61F (16C)

Appearance and Odor:FINE, WHITE GRANULAR - PUNGENT SULFUR DIOXIDE GAS ODOR

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, ACIDS, WATER

Stability Condition to Avoid:TEMPERATURES

ABOVE 150C (302F) AND
MOISTURE

Hazardous Decomposition Products: SULFUR DIOXIDE GAS, SODIUM SULFIDE
RESIDUE

===== Disposal Considerations =====

Waste Disposal Methods: NEUTRALIZE WITH ALKALI AND FLUSH TO SEWER WITH
PLENTY OF WATER IF PERMITTED. GOOD VENTILATION IS REQUIRED DURING
NEUTRALIZATION DUE TO RELEASE OF SO₂ GAS. OXIDATION TO SODIUM
SULFATE USING HYDROGEN PEROXIDE MAY BE REQUIRED. OBSERVE ALL
REGULATIONS.

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