

HACH CO. -- 3K GPH ROWPU KIT (PART 5 OF 10 PARTS) -- 6850-01-423-1699

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

Product ID:3K GPH ROWPU KIT (PART 5 OF 10 PARTS)

MSDS Date:02/06/1991

FSC:6850

NIIN:01-423-1699

Status Code:A

Kit Part:Y

MSDS Number: CKFCR

=== Responsible Party ===

Company Name:HACH CO.

Address:100 DAYTON RD.

Box:907

City:AMES

State:IA

ZIP:50010

Country:US

Info Phone Num:800-227-4224

Emergen

cy Phone Num:800-227-4224

CAGE:4T252

=== Contractor Identification ===

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

Company Name:HACH CO

Address:5600 LINDBERGH DR

Box:389

City:LOVELAND

State:CO

ZIP:80539

Country:US

Phone:970-669-3050/ 303-623-5716

CAGE:91224

Company Name:HACH COMPANY

Address:100 DAYTON RD.

Box:907

City:AMES

State:IA

ZIP:50010

Country:US

Phone:800-227-4224

CAGE:4T2

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 ===== Composition/Information on Ingredients =====
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Ingred Name:NO INGREDIENT FOR THIS FORMULATION_INGREDIENT

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 ===== Hazards Identification =====
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LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.

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

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY
 AND GASTROINTESTINAL TRACTS. ACUTE- CORROSIVE. INHALE:SEVERE

IRRITATION OF NOSE AND THROAT. EYE:MAY CAUSE SEVERE IRRITATION AND
 EYE INJURY. SKIN:CAUSES BURNS. ORAL:MAY CAUSE BURNING AND
 IRRITATION OF GASTROINTESTINAL TRACT. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES, SKIN, RESPIRATORY AND GASTROINTESTINAL
 TRACTS IRRITATION AND PAIN; BURNING SENSATION, NAUSEA, VOMITING

Medical Cond Aggravated by Exposure:PERSONNEL WITH PRE-EXISTING SKIN
 DISORDERS SHOULD AVOID CONTACT WITH THIS PRODUCT.

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 ===== First Aid Measures =====
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First Aid:GET MEDICAL ATTENTION IMMEDIATELY. INHALED: REMOVE TO FRESH
 AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES/SKIN:IMMEDIATELY FLUSH WITH
 WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. REMOVE CONTAMINATED
 CLOTHING. ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK 1-2
 GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS
 PERSON.

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

Media:WATER OR DRY CHEMICAL. USE WATER SPRAY TO COOL FIRE
 EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-
 APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE
 OPERATED IN THE POSITIVE PRESSURE MODE.

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 ===== Accidental Release Measures =====
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Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. VENTILATE AREA.
 STOP FLOW IF POSSIBLE. COVER SPILLS WITH SODA ASH/SODIUM
 BICARBONATE. ADD WATER IF NECESSARY.

CHECK WITH LITMUS PAPER OR ADD
NEUTRALIZER UNTIL MIXTURE STOPS BUBBLING. TRANSFER TO CONTAINER
FOR DISPOSAL.

Neutralizing Agent:SODA ASH, SODIUM BICARBONATE

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Handling and Storage
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Handling and Storage Precautions:STORE IN DRY, VENTILATED AREA AWAY
FROM HEAT, MOISTURE & INCOMPATIBLE MATERIALS. KEEP CONTAINER
TIGHTLY CLOSED. PROTECT AGAINST PHYSICAL DAMAGE.

Other Precautions:DO NOT GENERATE DUST. AVOID BREATHING DUST. DO NOT
GET I
N EYE, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING
AND BEFORE EATING OR DRINKING. USE WITH ADEQUATE VENTILATION. KEEP
OUT OF REACH OF CHILDREN.

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Exposure Controls/Personal Protection
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Respiratory Protection:FOR CONDITIONS OF USE WHERE EXPOSURE TO THE DUST
IS APPARENT, A NIOSH APPROVED DUST/MIST RESPIRATOR MAY BE WORN.
WEAR A NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS FOR
EMERGENCIES.

Ventilation:IN GENERAL, DILUTION VENTILATION
IS SATISFACTORY. IF

CONDITIONS OF USE CREATE DISCOMFORT TO WORKERS, USE LOCAL EXHAUST.

Protective Gloves:RUBBER OR LATEX

Eye Protection:LAB GRADE GOGGLES

Other Protective Equipment:SAFETY SHOWER, EYE BATH, CLEAN BODY-COVERING
CLOTHING

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES.

Supplemental Safety and Health

KEY 1: C1. THIS ITEM IS NSN:6810-01-200-8010, CAGE 4T252 WHICH IS PART
5 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 KI
T. 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
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HCC:C1

NRC/State Lic Num:NOT RELEVANT

Melt/Freeze Pt:M.P/F.P Text:401F,205C

Spec Gravity:2.09

pH:0.6 5%

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:SOLUBLE

Appearance and Odor:WHITE CRYSTAL

LINE POWDER - ODORLESS

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

Stability Indicator/Materials to Avoid: YES

CHLORINE, FUMING NITRIC ACID

Stability Condition to Avoid: MOISTURE, HEAT, FLAME

Hazardous Decomposition Products: NITROGEN OXIDES, SULFUR OXIDES

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

Waste Disposal Methods: DISPOSE IN AN APPROVED HAZARDOUS WASTE FACILITY.
OBSERVE ALL FEDERAL, STATE AND LOCAL LAWS.

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