

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

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

Ingred Name:NO INGREDIENT FOR THIS FORMULATION\_INGREDIENT

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

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.

=====

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

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.

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

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.

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

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

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

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.

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

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.

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

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.

=====

=====

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.