

PRODUCTS RESEARCH (REPLACED BY CAGE 83574) -- PR-1422 B-1,-2, PART A FOR P/N RK0338 --  
1560-01-061-8530

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

Product ID:PR-1422 B-1,-2, PART A FOR P/N RK0338

MSDS Date:08/30/1989

FSC:1560

NIIN:01-061-8530

Kit Part:Y

MSDS Number: BRQGC

=== Responsible Party ===

Company Name:PRODUCTS RESEARCH (REPLACED BY CAGE 83574)

Address:5430 SAN FERNANDO RD

Box:1800

City:GLEN DAL

E

State:CA

ZIP:91209

Country:US

Emergency Phone Num:316-265-9358

Preparer's Name:JCS

CAGE:9A232

=== Contractor Identification ===

Company Name:ARROWHEAD INDUSTRIES (817-244-3032)

CAGE:6Z898

Company Name:NORTHROP GRUMMAN CORP MILITARY AIRCRAFT DIVISION

Address:1 HORNET WAY

Box:City:EL SEGUNDO

State:CA

ZIP:90245-2804

Country:US

Phone:310-331-6653

CAGE:76823

Company Name:PRODUCTS RESEARCH & CHEMICAL CORPORATION

Address:5430 SAN FERNANDO RD

Box:1800

City:GLEN DALE

State:CA

ZIP:91209

Country:US

CAGE:9

A232  
Company Name:SONFARREL INC  
Box:UNKNOW  
CAGE:09036  
Company Name:WINDING SPECIALISTS CO INC  
Address:1225 WELLINGTON PL  
Box:City:WICHITA  
State:KS  
ZIP:67203-3898  
Country:US  
Phone:316-265-9358  
CAGE:30150

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Composition/Information on Ingredients  
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Ingred Name:DIMETHYL ACETAMIDE  
CAS:127-19-5  
RTECS #:AB7700000  
Fraction by Wt: 35%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:S, 10 PPM  
ACGIH TLV:S, 10 PPM; 9293

Ingred Name:CALCIUM DICHROMATE  
CAS:14307-33-6  
RTECS #:HX7630000  
Fraction by Wt: 15%  
Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: INHALATION MAY CAUSE  
RESPIRATORY IRRITATION, POSSIBLE LIVER DAMAGE. CONTACT WITH SKIN  
AND EYES MAY CAUSE IRRITATION. TOXIC IF ABSORBED THROUGH THE SKIN;  
MAY CAUSE FETAL ABNORMALITIES. INGESTION MAY CAUSE GI T  
RACT  
IRRITATION; POSSIBLE LIVER AND KIDNEY DAMAGE. CHRONIC: SEE  
SUPPLEMENTAL INSTRUCTIONS.  
Explanation of Carcinogenicity:CHROMIUM IS LISTED AS A KNOWN CARCINOGEN  
BY NTP AND IARC.  
Effects of Overexposure:INHALED: COUGHING, SHORTNESS OF BREATH,  
WHEEZING, NAUSEA, HEADACHE, WEAKNESS, ULCERS IN NOSE. EYES:  
REDNESS, TEARING, BLURRED VISION. SKIN: REDNESS, ITCHING,  
DISCOMFORT, ULCERS. INGESTED: NAUSEA, VOMI TING, DIARHEA.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MAN

UFACTURER.

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

First Aid:INHALED: REMOVE TO FRESH AIR. IF SYMPTOMS PRESENT, CONSULT DOCTOR. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES, HOLD LIDS OPEN. SEE DOCTOR. SKIN: REMOVE CONTAMINATED CLOTHES. WASH WITH SOAP AND WATE R. SEE DOCTOR IF SYMPTOMS PERSIST. INGESTED: GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NONFLAMMABLE

Extinguishing Med

ia:CARBON DIOXIDE, DRY CHEMICAL, FOAM, OR WATER FOG.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:NONE KNOWN.

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

Spill Release Procedures:WEAR PROPER PROTECTIVE CLOTHING/EQUIPMENT. DIKE AND COVER SPILL WITH NON-OXIDIZABLE ABSORBANT. SCOOP INTO CONTAINER FOR LATER DISPOSAL. SPRINKLE MATERIAL IN CONTAINER WITH SODIUM THIOSULFATE, MIX. CLE AN AREA WITH WATER.

Neutralizing Agent:SODIUM THIOSULFATE TO REDUCE CHROMIUM TO TRI-VALENT FORM.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE AWAY FROM OXIDIZABLE MATERIALS.

Other Precautions:AVOID INGESTION. DUE TO TOXICITY BY SKIN ABSORPTION, AVOID ALL SKIN CONTACT; WEAR PROPER PROTECTIVE CLOTHING.

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

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER. IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR. USE IN ACCORDANCE WITH 29 CFR 19101.134.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION TO MAINTAIN EXPOSURE BELOW PEL.

Protective Gloves:NITRILE, BUTYL, NATURAL RUBBER

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. SKIN AREAS SUJECT TO SPLASHING; PROTECT WITH NITRILE, BUTYL, OR RUBB

ER

CLOTHING.

Work Hygienic Practices:WASH HANDS THOROUGHLY AFTER HANDLING OR BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

CHRONIC HEALTH: PROLONGED OR REPEATED EXPOSURE MAY CAUSE SKIN ULCERS, LIVER AND KIDNEY DAMAGE, CANCER. KEY1=D2. KIT IS CANOPY REPAIR KIT FOR F5E. MSDS FOR COURTAULD MADE COMPONENT(ALSO HAS A PART B). KIT IS ASSEMBLED BY AROWHEAD AND DITRIBUTED BY NORTHRUP. OTHER COMPONENTS ARE UNDER THIS NSS; CAGES-5W425 & 71984.

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

HCC:N1

Spec Gravity:1.32 (WATER=1)

Solubility in Water:COMPLETE

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

Percent Volatiles by Volume:70

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

Stability Indicator/Materials to Avoid:YES

EASILY OXIDIZABLE MATERIALS.

Stability Condition to Avoid:CONTACT WITH EASILY OXIDIZABLE MATERIALS.

Hazardous Decomposition Products:OXID

ES OF CARBON AND NITROGEN;

CHROMIUM COMPOUNDS.

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

Waste Disposal Methods:MATERIAL SHOULD BE DISPOSED OF AS EPA WASTE # D-007. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT ALLOW RUNOFF OR SPILLED MATERIAL INTO SEWERS OR WATERWAYS.

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