

PRODUCTS RESEARCH & CHEMICAL CORPORATION -- PR1422 B-2, PART A -- 8030-01-154-9255

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

Product ID:PR1422 B-2, PART A

MSDS Date:06/29/1991

FSC:8030

NIIN:01-154-9255

Kit Part:Y

MSDS Number: BPPFX

==== Responsible Party ===

Company Name:PRODUCTS RESEARCH & CHEMICAL CORPORATION

Address:5430 SAN FERNANDO ROAD

Box:1800

City:GLENDALE

State:CA

ZIP:91209

Country:US

Info Phone

Num:818-240-2060

Emergency Phone Num:800-424-9300(CHEMTREC)/800-228-5635

Preparer's Name:JCS

CAGE:DO563

==== Contractor Identification ===

Company Name:PRC-DESOTO INTERNATIONAL, INC. A PPG INDUSTRIES COMPANY

Address:5430 SAN FERNANDO RD

Box:1800

City:GLENDALE

State:CA

ZIP:91209

Country:US

Phone:818-240-2060

CAGE:83574

Company Name:PRODUCTS RESEARCH & CHEMICAL

Address:NOW DBA COURTAULDS AEROSPACE

Box:1800

City:GLENDALE

State:CA

ZIP:91209

Phone:818-240-2060

CAGE:DO563

===== Composition/In

formation on Ingredients =====

Ingred Name:DIMETHYLACETAMIDE (DMAC)

CAS:127-19-5

RTECS #:AB7700000

Fraction by Wt: 20%

Other REC Limits:NONE SPECIFIED

OSHA PEL:10 PPM (SKIN)

ACGIH TLV:10 PPM (SKIN)

Ingred Name:CALCIUM DICHROMATE

CAS:14307-33-6

RTECS #:HX7630000

Fraction by Wt: 15%

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.1 MG/M3 (CEILING)

ACGIH TLV:0.05 MG/M3 (AS CR)

Ingred Name:MAGNESIUM DICHROMATE

CAS:13423-61-5

Fraction by Wt: 5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.1 MG/M

3 (CEILING)

ACGIH TLV:0.05 MG/M3 (AS CR)

Ingred Name:HYDRATED ALUMINUM SILICATE

CAS:1335-30-4

Other REC Limits:NONE SPECIFIED

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Other REC Limits:NONE SPECIFIED

Ingred Name:SILICON DIOXIDE

CAS:67762-90-7

Other REC Limits:NONE SPECIFIED

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

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

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

Health Hazards Acute and Chronic:E

YES: IRRIT, POSS EYE DAMAGE. SKIN:

IRRIT. PROLONG EXPOS-POSS ALLERGIC SKIN RASH. TOXIC BY SKIN ABSORB.

LAB TEST-DERMAL APPLICATION OF DMAC TO PREGNANT RATS PRODUCED FETAL ABNORMALITIES. PROLONG EXPOS TO HEXAVALENT CHROMIUM COMPOUNDS OVER PEL-POSS PAINLESS PENETRATING ULCERS OF THE SKIN. INHAL: (MIST/DUST OF DRIED\*

Explanation of Carcinogenicity:HEXAVALENT CHROMIUM COMPOUNDS ARE ON CALIFORNIA LIST OF CARCINOGENS. \*MATERIAL).IRRIT OF MUCOUS MEMBRANES. MAY \*\*

Effects of

Overexposure:\*\*CAUSE BRONCHO

ASTHMA.(VAPOR)IRRIT/NAUSEA/HEADACHE/WEAKNESS POSS LIVER

DAMAGE.PROLNG EXPS TO HEXAVALENT CHROMIUM COMPOUNDS OVER PEL MAY CAUSE PENETRATING ULCERS MUCOUS MEMBRANES OF NOSE/PERFORATION OF CARTILAGINOUS NASAL SEPTUM.INGEST;IRRIT STOMACH & INTESTINES.NAUSEA,VOMITING,DIARRHEA.POSSIBLE LIVER AND KIDNEY DAMAGE

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

First Aid:EYE: FLUSH WITH LUKE WARM WATER FOR 15 MINUTES, CONSULT A

PHYSICIAN. SKIN: WASH WITH SOAP AND WATER. IF SYMPTOMS PERSIST, CONSULT A PHYSICIAN. INHALATION: REMOVE TO FRESH AIR. IF SYMPTOMS ARE PRESENT CONSULT A PHYSICIAN. INGESTION: CONSULTA PHYSICIAN.

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

Flash Point:150F COMBUSTIBLE

Extinguishing Media:CO2, DRY CHEMICAL, FOAM, WATER FOG

Fire Fighting Procedures:USE COMPLETE PERSONAL PROTECTION

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

Spill Relea

se Procedures:DIKE AND COVER THE SPILL WITH A NON-OXIDIZABLE ABSORBANT. SCOOP INTO CONTAINER. SPRINKLE SODIUM THIOSULFATE ON RESIDUE. WORK INTO RESIDUE. SCOOP INTO DISPOSAL CONTAINER. CLEAN AREA WITH WATER.

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

Handling and Storage Precautions:WASH THOROUGHLY AFTER HANDLING AND BEFORE SMOKING OR EATING. AVOID INGESTION. DUE TO TOXICITY BY SKIN ABSORPTION, AVOID ALL SKIN CONTACT. THIS

Other Precautions: PRODUCT

CONTAINS A TOXIC CHEMICAL OR CHEMICALS  
SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III  
OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40  
CFR PART 372.

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

Ventilation:GENERAL VENTILATION TO MAINTAIN VAPOR BELOW PEL.  
Protective Gloves:NITRILE, BUTYL OR NATURAL RUBBER GLOVES.  
Eye Protection:CHEMICAL GOGGLES OR FULL FACE SHIELD  
Other Protective Equipment:SKIN AREAS SUBJECT TO SPLASH SHOULD BE  
PROTECTED W/NITRILE, BUTYL, NATURAL RUBBER, POLYETHYLENE APRON OR  
COVERALLS.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE  
SMOKING OR EATING.

Supplemental Safety and Health

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

Spec Gravity:1.40

Solubility in Water:COMPLETE

Appearance and Odor:BLACK LIQUID

Percent Volatiles by Volume:55

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

Stability Indicator/Materials to Avoid:

id:YES

EASILY OXIDIZABLE MATERIALS

Hazardous Decomposition Products:OXIDES OF CARBON AND NITROGEN;  
CHROMIUM COMPOUNDS

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

Waste Disposal Methods:EPA WASTE NO. D-007. DISPOSE OF SPILLAGE IN  
COMPLIANCE WITH FEDERAL AND STATE REGULATIONS.

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

o 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.