

PRODUCTS RESEARCH & CHEMICAL CORPORATION -- PR-1422 B-2, PART A -- 8030-01-154-9245
===== Product Identification =====

Product ID:PR-1422 B-2, PART A

MSDS Date:06/29/1991

FSC:8030

NIIN:01-154-9245

Kit Part:Y

MSDS Number: BLZBL

=== Responsible Party ===

Company Name:PRODUCTS RESEARCH & CHEMICAL CORPORATION

Address:5430 SAN FERNANDO ROAD

Box:1800

City:GLENDALE

State:CA

ZIP:91209

Country:US

Info Pho

ne Num:818-240-2060

Emergency Phone Num: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/Information on Ingredi

ents =====

Ingred Name: DIMETHYLACETAMIDE (DMAC)
CAS: 127-19-5
RTECS #: AB7700000
Fraction by Wt: 20%
Other REC Limits: NONE SPECIFIED
OSHA PEL: S, 10 PPM
ACGIH TLV: S, 10 PPM

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 STEL CEIL
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: .01 MG/M3 STEL CEIL
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
RTECS #: VV7320000
Other REC Limits: NONE SPECIFIED

Ingred Name: VOC: 85 G/L (COMBINED) (TESTED PER EPA METHOD 24)
RTECS #: 9999999VO
Other REC Limits: NONE SPECIFIED

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

Routes of Entry: Inhalation: YES Skin: YES

Ingestion: YES

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

Health Hazards Acute and Chronic: EYES: IRRITATION. MAY CAUSE EYE DAMAGE. SKIN IRRITATION. PROLONGED EXPOSURE MAY CAUSE ALLERGIC SKIN RASH. TOXIC BY SKIN ABSORPTION. LABORATORY TEST HAVE SHOWN THAT DERMAL APPLICATION OF DMAC TO PREGNANT RATS PRODUCED FETAL ABNORMALITIES. PROLONGED EXPOSURE TO HEXAVALENT CHROMIUM COMPOUNDS OVER THE PEL MAY CAUSE *

Explanation of Carcinogenicity: ALTHOUGH THE CHROMIUM COMPOUNDS IN THIS PRODUCT ARE NOT DESIGNATED BY NTP OR IRAC AS CANCER CAUSING CHEMICALS, THE LIST*

Effects of Overexposure: *PAINLESS PENETRATING ULCERS OF THE SKIN. INHALATION: (MIST/DUST OF DRIED MATERIAL) IRRITATION OF MUCUS MEMBRANES. MAY CAUSE BRONCHO ASTHMA. (VAPOR) IRRITATION, NAUSEA, WEAKNESS, POSSIBLE LIVER DAMAGE . PROLONGED EXPOSURE TO HEXAVALENT CHROMIUM COMPOUNDS OVER THE PEL MAY CAUSE PENETRATING ULCERS OF THE MUCUS MEMBRANES**

Medical Cond Aggravated by Exposure:

**OF THE NOSE AND PERFORATION OF THE CARTILAGINOUS NASAL SEPTUM. INGESTION: IRRITATION OF THE STOMACH AND INTESTINES. NAUSEA, VOMITING, AND DIARRHEA. POSSIBLE LIVER AND KIDNEY DAMAGE.

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

First Aid: EYES: FLUSH WITH LUKEWARM 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: CONSULT A PHYSICIAN.

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

Flash Point: 150F, 66C
Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG.
Fire Fighting Procedures: USE COMPLETE PERSONAL PROTECTION.
Unusual Fire/Explosion Hazard: NONE KNOWN

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

Spill Release Procedures: DIKE AND COVER THE SPILL WITH A NON-OXIDIZABLE ABSORBANT. SCOOP INTO CONTAINER. SPRINKLE SODIUM THIO

SULFATE ON

RESIDUE. WORK INTO RESIDUE. SCOOP INTO DISPOSAL CONTAINER. CLEAN AREA WITH WATER.

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

Other Precautions:*ENTITLED "CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER" AS REQUIRED BY THE SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT, (PROPOSITION 65), INCLUDES ALL HEXAVALENT CHROMIUM COMPOUNDS.

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

Ventilation:GENERAL VENTILATION TO MAINTAIN VAPOR BELOW PEL.

Protective Gloves:NITRILE/BUTYL/NATURAL RUBBER

Eye Protection:CHEMICAL GOGGLES/FULL FACE SHIELD

Other Protective Equipment:GLOVES NOT ADEQUATE PROTECTION--IMMERSION. SPLASH AREAS PROTECT W/NITRILE/BUTYL/NAT'L RUBBER/POLYETHYLENE APRON/COVERALLS.

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

Supplemental Safety and Health

AVOID INGESTION. DUE TO TOXICITY BY SKIN ABSORPTION, AVOID ALL SKIN CONTACT. THIS 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.

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

Spec Gravity:1.40

Solubility in Water:COMPLETE

Appearance and Odor:BLACK LIQUID

Percent Volatiles by Volume:55

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

Stability Indicator/Materials to Avoid:YES
EASILY OXIDIZED

ZABLE MATERIALS.

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

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

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

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