

PRODUCTS RESEARCH & CHEMICAL CORPORATION -- PR-1432-G INORGANIC DICHROMATE PART
A -- 8030-01-234-2793

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

Product ID:PR-1432-G INORGANIC DICHROMATE PART A

MSDS Date:02/03/1989

FSC:8030

NIIN:01-234-2793

Kit Part:Y

MSDS Number: BJFTQ

=== Responsible Party ===

Company Name:PRODUCTS RESEARCH & CHEMICAL CORPORATION

Address:5430 SAN FERNANDO ROAD

Box:1800

City:GLENDALE

St

ate:CA

ZIP:91209

Country:US

Info Phone Num:818-240-2060

Emergency Phone Num:800-228-5635

Preparer's Name:JESLINE SAMSON

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

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Composition/Information on Ingredients
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Ingred Name: DIMETHYLFORMAMIDE

CAS: 68-12-2

RTECS #: LQ2100000

Fraction by Wt: 30%

Other REC Limits: NONE SPECIFIED

OSHA PEL: S, 10 PPM

ACGIH TLV: S, 10 PPM; 9192

EPA Rpt Qty: 1 LB

DOT Rpt Qty: 1 LB

Ingred Name: MAGNESIUM DICHROMATE

CAS: 13423-61-5

Fraction by Wt: 30%

Other REC Limits: NONE SPECIFIED

OSHA PEL: 0.5 MG/M3

ACGIH TLV: 0.05 MG/M3

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Hazards Identification
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Routes of Entry: Inhalation: Y

ES Skin: YES Ingestion: YES

Reports of Carcinogenicity: NTP: YES IARC: YES OSHA: YES

Health Hazards Acute and Chronic: SKIN: OVEREXP TO HEXAVALENT CHROMIUM OVER PEL MAY CAUSE PAINLESS PENETRATING ULCERS OF SKIN. TOXIC BY ABSORPTION. INHALED: (MIST/DUST) IRRIT OF MUCOUS MEMBRANES. MAY CAUSE BRONCHOASTHMA. OVEREXP OVER PEL MAY CAUSE PENETRATING ULCERS OF MUCOUS MEMBRANES OF NOSE & PERFORATION OF CARTILAGINOUS NASAL SEPTUM. POSS LIVER DAMAGE

Explanation of Carcinogenicity: HEXAVALENT

CHROMIUM COMPOUNDS ARE LISTED

AS CARCINOGENS. (PROPOSITION 65 INCLUDES ALL HEXAVALENT CHROMIUM COMPOUNDS)

Effects of Overexposure: EYES: IRRITATION, POSSIBLE EYE DAMAGE. SKIN:

IRRITATION, OVEREXP MAY CAUSE ALLERGIC SKIN RASH. INHALED:

IRRITATION, DIZZINESS, FATIGUE, SLEEPINESS. INGESTION: CAN IRRITATE

STOMACH & INTESTINES. CAN CAUSE NAUSEA, VOMITING & DIARRHEA. LARGE AMOUNTS CAN CAUSE LIVER & KIDNEY DAMAGE.

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First Aid Measures
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First Aid:EYES: FLUSH WITH LUKE WARM WATER FOR 15 MINUTES, CONSULT PHYSICIAN. SKIN: WASH WITH SOAP & WATER. IF SYMPTOMS PERSIST, CONSULT A PHYSICIAN. INHALATION: REMOVE TO FRESH AIR. IF SYMPTOMS ARE PRESENT, CONSULT A PHYSICIAN. AND INGESTION: CONSULT A PHYSICIAN.

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

Flash Point:NONE
Extinguishing Media:CO2, WATER FOG.
Unusual Fire/Explosion Hazard:OXIDIZER

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

Spill Release Procedures:DIKE & 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:AVOID PROLONGED OR REPEATED SKIN CONTACT OR BREATHING OF VAPORS. AVOID INGESTION. DUE TO TOXICITY BY SKIN ABSORPTION, AVOID ALL SKIN CONTACT.

Other Precautions: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.

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

Respiratory Protection:WHEN APPLYING IN A CONFINED AREA OR DURING SPRAYING APPLICATION OR OTHER CIRCUMSTANCES LIKELY TO PRODUCE AIRBORNE CONTAMINATION IN EXCESS OF PEL, AIR-SUPPLIED RESPIRATOR AND COMPLETE SKIN PROTECTION ARE RECOMMENDED.

Ventilation:GENERAL VENTILATION TO MAINTAIN DUST, MIST OR VAPOR LEVELS BELOW PEL.

Protective Gloves:NITRILE, BUTYL OR NATURAL RUBBER GLOVES

Eye Protection:CHEM GOGGLES, FULL FACE SHIELD IF SPLASH

Other Protective Equipment:GLOVES ARE NOT ADEQUATE PROTECTION FOR IMMERSION.

Work Hygienic Practices:SKIN AREAS SUBJECT TO SPLASH SHOULD BE PROTECTED WITH NITRILE, BUTYL OR NATURAL RUBBER, POLYETHYLENE APRON OR COVERALLS

Supplemental

Safety and Health

NOTE: STUDIES HAVE SHOWN THAT HIGH OVEREXPOSURE TO DMF IS EMBRYOTOXIC IN LABORATORY ANIMALS. PROLONGED EXCESSIVE EXPOSURE TO DIMETHYL FORMAMIDE MAY CAUSE TESTICULAR CANCER.

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

Solubility in Water: APPRECIABLE
Percent Volatiles by Volume: 67

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

Stability Indicator/Materials to Avoid: YES
FLAMMABLE LIQUIDS.
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.

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