

PRODUCTS RESEARCH & CHEMICAL CORPORATION -- PR1425 B-2, ACCELERATOR --  
8030-01-119-7885

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

Product ID:PR1425 B-2, ACCELERATOR

MSDS Date:04/04/1995

FSC:8030

NIIN:01-119-7885

Kit Part:Y

MSDS Number: BYTLH

=== 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:800-228-5635/800-  
424-9300(CHEMTREC)

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 Ingredients =====

Ingred Name:DIMETHYL ACETAMIDE

CA

S:127-19-5  
Fraction by Wt: 25%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10 PPM  
ACGIH TLV:10 PPM

Ingred Name:CALCIUM DICHROMATE  
CAS:14307-33-6  
RTECS #:HX7630000  
Fraction by Wt: 15%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.5 MG CR/M3  
ACGIH TLV:0.05 MG CR/M3

Ingred Name:TALC (CONTAINING NO ASBESTOS),  
CAS:14807-96-6  
Fraction by Wt: 10%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:DIMETHYLFORMAMIDE  
CAS:68-12-2  
RTECS #:LQ2100000  
Fraction by Wt: 5%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1  
0 PPM  
ACGIH TLV:10 PPM  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:MAGNESIUM DICHROMATE  
CAS:13423-61-5  
Fraction by Wt: 5%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.5 MG/M3  
ACGIH TLV:0.05 MG/M3 TWA

Ingred Name:SILICON DIOXIDE (AMORPHOUS)  
CAS:67762-90-7  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:6 MG/M3  
ACGIH TLV:10 MG/M3

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Other REC Limits:NONE RECOMMENDED

Ingred Name:ALUMINUM SILICATE  
CAS:1335-30-4  
Other REC Limits:NONE RECOMMENDED

Ingred

Name:MAGNESIUM ALUMINUM SILICATE

CAS:8031-18-3

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:PEL: NOT ESTABLISHED FOR PRODUCT

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:DIMETHYLACETAMIDE: EYES-POSSIBLE

TRANSIENT CORNEAL INJURY. SKIN-HARMFUL IF ABSORBED THROUGH SKIN;

RAPIDLY ABSORBED THROUGH SKIN. INHALATION-MAY C

AUSE LIVER OR KIDNEY

DAMAGE. DIMETHYL FORMAMIDE: EYES-P OSSIBLE TRANSIENT CORNEAL

INJURY. SKIN-SLIGHTLY TOXIC TO ANIMALS BY ABSORPTION.

INHALATION-LIVER DAMAGE MAY OCCUR.

Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.

Effects of Overexposure:DIMETHYLACETAMIDE: EYES-MAY CAUSE BURNING,

TEARING, REDDENING. DIMETHYL FORMAMIDE: EYES-MAY CAUSE BURNING,

TEARING, REDDENING. INHALATION-VOMITING, DIFFICULTY IN SWALLOWING,

DIARRHEA, LACK OF APPETITE , HEADACHE, FAINT

ING, DIZZINESS, DARK

URINE, MENTAL DISTURBANCES.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES-FLUSH WITH LUKE WARM WATER FOR 15 MIN. CONSULT A

PHYSICIAN. SKIN-WASH WITH SOAP AND WATER. IF SYMPTOMS PERSISTS,

CONSULT A PHYSICIAN. INHALATION-REMOVE TO FRESH AIR. IF SYMPTOMS

ARE PRESENT CONSU LT A PHYSICIAN. INGESTION-CONSULT A PHYSICIAN.

===== Fire Fighting

Measures =====

Flash Point:>200F,>93C

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG.

Fire Fighting Procedures:USE COMPLETE PERSONAL PROTECTION.

Unusual Fire/Explosion Hazard:NONE KNOWN.

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

Spill Release Procedures:DIKE AND COVER THE SPILL WITH A NON-OXIDIZABLE

ABSORBENT. SCOOP INTO CONTAINER. SPRINKLE SODIUM THIOSULFATE ON

RESIDUE. WORK INTO RESIDUE. SCOOP INTO DISPOSAL CONTAINER. CLE

AN

AREA WITH WATER.

Neutralizing Agent:SODIUM THIOSULFATE.

===== 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.

Other Precautions:NONE KNOWN.

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

Respiratory Protection:ORGANIC VAPOR CARTRIDGE.

Ventilation:GENERAL VENTILATION TO MAINTAIN VAPORS BELOW PEL.

Protective Gloves:NITRILE, BUTYL OR NATURAL RUBBER GLOVES.

Eye Protection:CHEMICAL GOGGLES, FULL FACE SHIELD.

Other Protective Equipment:NONE KNOWN.

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

Supplemental Safety and Health

KEY 1: N1. KIT CONTAINS AN ACCELERATOR AND A BASE.

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

HCC:N1

Boiling Pt:B.P. Text:212-331F

Vapor Density:>AIR

Spec Gravity:1.411

Evaporation

Rate & Reference:SLOWER THAN N-BUTYL ACETATE

Appearance and Odor:BLACK PASTE.

Percent Volatiles by Volume:72.7

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

Stability Indicator/Materials to Avoid:YES

EASILY OXIDIZABLE MATERIALS.

Stability Condition to Avoid:NOT KNOWN.

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

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

Waste Disposal Methods:EPA NO. D-007 HAZARDOUS

WASTE. DISPOSE OF 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 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.