

PRODUCTS RESEARCH & CHEMICAL CORPORATION -- PC:222552001GPASA-JELL 102 --  
6850-01-228-0074

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

Product ID:PC:222552001GPASA-JELL 102

MSDS Date:07/19/1994

FSC:6850

NIIN:01-228-0074

MSDS Number: BTWHJ

=== 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:818-240-2060

CAGE:DO563

=== Contractor Identification ===

Company Name:BERGDAHL ASSOCIATES INC (702-323-7542)

Box:UNKNOW

CAGE:4E208

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:PRC-DESOTO INTL INC

Address:5454 SAN FERNANDO RD

Box:1800

City:GLENDALE

State:CA

ZIP:91203

Country:US

Phone:818-240-2060/800-228-56

35  
CAGE:92108  
Company Name:PRC-DESOTO INTL INC DBA ASC-PHILADELPHIA  
Address:823 E GATE DR NO 4  
Box:City: MOUNT LAUREL  
State:NJ  
ZIP:08054  
Country:US  
Phone:856-234-1600

CAGE:23354  
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:NITRIC ACID (SARA 302/313) (CERCLA)  
CAS:7697-37-2  
RTECS #:QU5775000  
Fraction by Wt: 10%  
O  
ther REC Limits:NONE RECOMMENDED  
OSHA PEL:2 PPM  
ACGIH TLV:2 PPM/4 STEL; 9596  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:PHOSPHORIC ACID (SARA 313) (CERCLA)  
CAS:7664-38-2  
RTECS #:TB6300000  
Fraction by Wt: 70%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3/3 STEL; 9596  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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

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Hazards Identification  
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LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE

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

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

Health Hazards Acute and Chronic:EYE CONTACT MAY CAUSE SEVERE

IRRITATION OR BURNS. SKIN CONTACT MAY CAUSE SEVERE IRRITATION OR BURNS. INHALATION MAY CAUSE SEVERE MUCOUS MEMBRANE AND RESPIRATORY IRRITATION, LUNG INJURY. INGESTION MAY CAUSE TISSUE DESTRUCTION AND KIDNEY FAILURE.

Explanation of Carcinogenicity:THIS COMPOUND

CONTAINS NO INGREDIENTS AT

CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:EYES: SEVERE IRRITATION OR BURNS. SKIN: SEVERE

IRRITATION OR BURNS. INHALATION: VAPORS MAY CAUSE SEVERE IRRITATION OF THE RESPIRATORY SYSTEM. INGESTION: TISSUE DESTRUCTION, KIDNEY FAILURE.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH

WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS

OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.

WASH WITH SOAP AND WATER. IF IRRITATION PERSIST, GET MEDICAL

ATTENTION. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET

MEDICAL ATTENTION. INGESTION: IRRIGATE MOUTH WITH WATER, GIVE MILK

OR WATER TO DRINK. DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN.

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

Flash Point:>200F,>93C

Lower Limits

:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:WATER

Fire Fighting Procedures:USE AIR SUPPLIED RESPIRATOR. USE WATER TO COOL

HEAT EXPOSED CONTAINERS. USE COMPLETE PERSONAL PROTECTION.

Unusual Fire/Explosion Hazard:HIGH TEMPERATURE MAY CAUSE PRESSURE

BUILDUP IN CLOSED CONTAINER.

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

Spill Release Procedures:DILUTE WITH WATER, NEUTRALIZE WITH SODIUM

CARBONATE OR SODA ASH. WASH WITH A SUITABLE SOLVENT. RQ FOR NITR

IC

ACID IS 1,000 LBS. RQ FOR PHOSPHORIC ACID IS 5,000 LB.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN TIGHTLY CLOSED CONTAINERS IN COOL, DRY AREA. KEEP AWAY FROM OXIDIZABLE MATERIALS. WASH THOROUGHLY AFTER HANDLING AND BEFORE SMOKING OR EATING  
Other Precautions:AVOID INGESTION.

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

Respiratory Protecti

on:USE AN ACID RESISTANT CARTRIDGE OR AIR SUPPLIED RESPIRATOR.

Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION AS REQUIRED TO MAINTAIN EXPOSURE LEVELS.

Protective Gloves:COMPLETE ACID RESISTANT RUBBER GLOVES

Eye Protection:CHEMICAL GOGGLES OR FULL-FACE SHIELD

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER

BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

HCC:C1

Boiling Pt:B.P. Text:212-316F

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:1.4

pH:< 7

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:COMPLETE

Appearance and Odor:WHITE LIQUIE, ODOR NOT SPECIFIED

Percent Volatiles by Volume:3

1.1%

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

Stability Indicator/Materials to Avoid: YES

METALS, HYDROCARBONS, SOLVENTS, WOOD, PAPER.

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: OXIDES OF NITROGEN AND PHOSPHOROUS.

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

Waste Disposal Methods: PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. EPA WASTE CODE: D002.

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