

PRC-DESOTO INTERNATIONAL, INC, A PPG INDUSTRIES CO -- FMR1001, PASA-JELL 102 --
6850-01-228-0074

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

Product ID:FMR1001, PASA-JELL 102

MSDS Date:05/16/2001

FSC:6850

NIIN:01-228-0074

Status Code:A

MSDS Number: CLMKQ

=== Responsible Party ===

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

Address:5430 SAN FERNANDO RD

Box:1800

City:GLENDALE

State:CA

ZIP:91209

Country:US

Info Phone Num:818-240-2060 / 800-228-5635

Emergency Phone Num:(800) 228-5635

Resp. Party Other MSDS Num.:FORM ID NO: A01

Chemtrec Ind/Phone:(800)424-9300

CAGE:1LFF4

=== Contractor Identification ===

Company Name:COMPTECH CORP

Address:15944 DERWOOD RD

Box:City:ROCKVILLE

State:MD

ZIP:20855

Country:US

Phone:800-284-5279; 301-519-3401

Contract Num:SP0450-01-M-ZH25

CAGE:0BR38

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

Address:5430 SAN FERNANDO RD

Box:1800

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City:GLENDALE

State:CA

ZIP:91209

Country:US

Phone:818-240-2060 / 800-228-5635

CAGE:1LFF4

Company Name:SDB CONSULTANTS LTD

Address:401 WHITNEY AVE SUITE 120

Box:City:GRETNA

State:LA

ZIP:70056

Country:US

Phone:504-366-9105

Contract Num:SP0450-01-M-ZH27

CAGE:0PGK2

===== Composition/Information on Ingredients =====

Ingred Name:PHOSPHORIC ACID

CAS:7664-38-2

DOT Rpt Qty:5000 LBS

Ingred Name:NITRIC ACID

CAS:7697-37-2

RTECS #:QU5775000

Minumum % Wt:10.

Maxumum % Wt:30.

OSHA PEL:5 MG/M3;2 PPM

ACGIH TLV:5.2 MG/M3;2 PPM

ACGIH STEL:10 MG/M3;4 PPM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:INORGANIC OXIDE

Minumum % Wt:1.

Maxumum % Wt:10.

OSHA PEL:10 MG/M3

ACGIH TLV:10 MG/M3

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

LD50 LC50 Mixture:NO DATA PROVIDED BY MANUFACTURER

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA

:NO

Health Hazards Acute and Chronic:INHALATION: VAPOR OR MIST CAN CAUSE

IRRITATION OF THE NASAL SEPTUM & RESPIRATORY TRACT. EYE: LIQUID CAN CAUSE SEVERE BURNING & POTENTIAL PERMANENT DAMAGE. LOW LEVEL OF EXPOSURE MAY CAUSE IRRITATION OR CONJUNCTIVITIS. SKIN: LIQUID CAN CAUSE PERMANENT SKIN DAMAGE. INGESTION: LIQUID MAY BE HARMFUL OR FATAL IF SWALLOWED. IT CAN CAUSE SEVERE STOMACH & INTESTINAL IRRITATION. ABDOMINAL PAIN & VOMITING OF BLOOD. IF SWALLOWED, IT MAY CAUS

E BURNS & DESTROY TISSUE IN THE MOUTH, THROAT & DIGESTIVE

TRACT. REPEATED OVEREXPOSURE MAY CAUSE BLOOD/BONE MARROW DAMAGE & KIDNEY/LIVER DAMAGE.

Explanation of Carcinogenicity:CONTAINS AN INGREDIENT LISTED AS KNOWN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:INHALATION: IRRITATION OF THE NASAL SEPTUM &

RESPIRATORY TRACT. EYE: SEVERE BURNING & POTENTIAL PERMANENT DAMAGE. IRRITATION OR CONJUNCTIVITIS. SKIN: PERMANENT SKIN DAMAGE, REDNESS, BURNING & SWELLING OF SKIN, B

URNS, & OTHER SKIN DAMAGE.

INGESTION: SEVERE STOMACH & INTESTINAL IRRITATION. ABDOMINAL PAIN, AND VOMITING OF BLOOD, BURNS & DESTROY TISSUE IN THE MOUTH, THROAT & DIGESTIVE TRACT. REPEATED OVEREXPOSURE MAY CAUSE BLOOD/BONE DAMAGE AND KIDNEY/LIVER DAMAGE.

Medical Cond Aggravated by Exposure:NO DATA PROVIDED BY MANUFACTURER

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

First Aid:INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRA

TION. GET IMMEDIATE MEDICAL ATTENTION. IF

BREATHING IS DIFFICULT, TRANSPORT TO MEDICAL FACILITY & GIVE SUPPLEMENTAL OXYGEN. EY E: IMMEDIATELY FLUSH FOR AT LEAST 15 MINUTES WITH WATER. HOLD LIDS APART TO ENSURE RINSING OF EYE SURFACE & LIDS. GET IMMEDIATE MEDICAL ATTENTION. SKIN: WIPE EXCESS MATERIAL WITH DRY TOWEL. THEN WASH EXPOSED AREA WITH PLENTY OF WATER & SOAP FOR SEVERAL MINUTES. GET MEDICAL ATTENTION IF IRRITATION OCCURS. INGESTION: IF SWALLOWED DILUTE BY GIVIN

G TWO (2)

GLASSES WATER TO DRINK. GET IMMEDIATE MEDICAL ATTENTION.

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

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

Fire Fighting Procedures:USE COMPLETE PERSONAL PROTECTION. USE WATER TO COOL HEAT EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:ACID REACTS WITH MOST METALS TO RELEASE HYDROGEN GAS WHICH CAN FORM EXPLOSIVE MIXTURE WITH AIR.

DECOMPOSITION AND COMBUSTION PRODUCTS MAY BE HAZAR DOUS.

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

Spill Release Procedures:DILUTE WITH WATER. NEUTRALIZE WITH SODIUM CARBONATE OR SODA ASH. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.

Neutralizing Agent:NEUTRALIZE WITH SODIUM CARBONATE OR SODA ASH.

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

Handling and Storage Precautions:THIS MATERIAL IS IN A GEL FORM AND WILL ADHERE TO SKIN AND CLOTHING. AVOID CONTACT. STORE IN TIGHTLY C

LOSED CONTAINERS IN A COOL, DRY AREA. KEEP AWAY FROM EASILY
OXIDIZABLE MATERIALS. WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT.
WASH THOROUGHLY AFTER HANDLING AND BEFORE SMOKING OR EATING.
Other Precautions:NO DATA PROVIDED BY MANUFACTURER

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

Respiratory Protection:USE AN ACID RESISTANT CHEMICAL CARTRIDGE
RESPIRATOR OR AN AIR-SUPPLIED RESPIRATOR WHEN APPLYING IN ANY
CIRCUMSTANCES LIKELY TO PRODUCE AIRBORNE LEVELS OF
VAPOR IN EXCESS
OF THE TLV.

Ventilation:LOCAL AND/OR GENERAL VENTILATION AS REQUIRED TO MAINTAIN
HAZARDOUS INGREDIENTS BELOW RECOMMENDED (ACGIH-TLV) OR REGULATED
(OSHA-PEL) LIMITS.

Protective Gloves:COMPLETE ACID RESISTANT GLOVES.

Eye Protection:CHEMICAL GOGGLES OR FULL-FACE SHIELD.

Other Protective Equipment:COMPLETE ACID RESISTANT CLOTHING. SAFETY
SHOWER, EYE WASH STATION AND WASHING FACILITIES SHOULD BE
AVAILABLE. WHEN USING IN CIRCUMSTANCES WHERE SKIN CONTACT IS
LIK

ELY, USE COMPLETE PROTECTIVE GARMENTS

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

Supplemental Safety and Health

NO DATA PROVIDED BY MANUFACTURER

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

HCC:C1

Boiling Pt.=100.6C, 213.F

Spec Gravity:1.4

Appearance and Odor:TRANSLUCENT GEL

Percent Volatiles by Volume:31.1

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

Stability Indicator/Materials to Avoid:YES

STRONG

OXIDIZING AGENTS, AMINES, BASES, ALKALIS.

Stability Condition to Avoid:STRONG OXIDIZING AGENTS, AMINES, BASES,
ALKALIS.

Hazardous Decomposition Products:PRODUCTS OF COMBUSTION ARE HAZARDOUS
INCLUDING CARBON MONOXIDE, CARBON DIOXIDE, AND OXIDES OF NITROGEN.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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===== Toxicological Information =====

Toxicological Information:THERE IS NO DATA AVAILABLE ON THE PRODUCT
ITSELF. ACUTE ORAL, DERMAL & INHALATION EFF

ECOS: CAS# 7664-38-2,
3500 MG/KG LD50 ORAL RAT; 25.5 MG/M3 LC50 MOUSE/4 HR; CAS#
7697-37-2, LD50=NOT AVAILABLE, LC50=NOT AVAILABLE; INORGANIC
OXIDE, LD50=NOT AVAILABLE, LC50=NOT AVAILABLE.

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Ecological Information
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Ecological:THERE IS NO DATA AVAILABLE ON THE PRODUCT ITSELF

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Disposal Considerations
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Waste Disposal Methods:WHEN DISPOSING OF THIS MATERIAL, ENSURE THAT IT
IS PACKAGED, STORED, T
RANSPORTED, AND OTHERWISE HANDLED IN
ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. EPA WASTE
NUMBERS: D-002 (CORROSIVE).

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MSDS Transport Information
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Transport Information:DOT PROPER SHIPPING NAME: CORROSIVE LIQUID,
ACIDIC, INORGANIC, N.O.S. TECHNICAL NAME: PHOSPHORIC ACID, NITRIC
ACID. HAZARD CLASS: 8. UN NUMBER: UN3264. PACKING GROUP: II. LABEL:
CORROSIVE. SPECIAL NOT ES: NONE.

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Regulatory Information
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SARA Title III Information:SARA TITLE III SECTION 313 TOXIC CHEMICAL
LIST: THIS PRODUCT CONTAINS A TOXIC CHEMICAL FOR ROUTINE ANNUAL
"TOXIC CHEMICAL RELEASE REPORTING" UNDER SECTION 313 (40 CFR 372).
THIS INFORMATION MUST BE IN CLUDED IN ALL MSDS'S COPIED OR
DISTRIBUTED FOR THIS PRODUCT: CAS# 7664-38-2, PHOSPHORIC ACID; CAS#
7697-37-2, NITRIC ACID. SARA TITLE III SECTION 302 (CERCLA): THIS
PRODUCT CONTAINS THE FOLLOWING CHEM ICAL(S) FOR EMERGENCY
RELEASE

NOTIFICATION: CAS# 7664-38-2, PHOSPHORIC ACID; CAS# 7697-37-2,
NITRIC ACID.

Federal Regulatory Information:TSCA SECTION 8(B) - INVENTORY STATUS:
ALL INGREDIENTS IN THIS PRODUCT ARE LISTED IN THE TSCA INVENTORY OR
ARE EXEMPT FROM LISTING. CLEAN AIR ACT - HAZARDOUS AIR POLLUTANTS:
THIS PRODUCT CONTAINS NO CH EMICAL REGULATEDDD UNDER SECTION 112 FOR
NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS
NOTIFICATION. TSCA 12(B) - EXPORT NOTIFICATION: THIS PRODUC

T DOES

NOT CONTAIN ANY CHEMICALS SUBJECT TO SECTION 12(B) EXPORT NOTIFICATION.

State Regulatory Information: CALIFORNIA PROPOSITION 65: THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS CURRENTLY ON THE CALIFORNIA LIST OF KNOWN CARCINOGENS OR ON THE CALIFORNIA LIST OF KNOWN REPRODUCTIVE TOXINS. PENNSYLVANIA RIGHT-TO-KNOW REPORTABLE INGREDIENTS: CAS# 7664-38-2, PHOSPHORIC ACID; CAS# 7697-37-2, NITRIC ACID. NEW JERSEY RIGHT-TO-KNOW REPORTABLE INGREDIENTS: CAS# 7664-38-2, PHOSPHORIC ACID; CAS# 7697-37-2, NITRIC ACID:

===== Other Information =====

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