

E I DUPONT DE NEMOURS & CO INC -- EL-### WATER GEL PRODUCTS -- 1375-00-041-1312

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Product Identification
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Product ID:EL-### WATER GEL PRODUCTS

MSDS Date:11/04/1985

FSC:1375

NIIN:00-041-1312

MSDS Number: BPHFH

=== Responsible Party ===

Company Name:E I DUPONT DE NEMOURS & CO INC

Address:1007 MARKET STREET

City:WILMINGTON

State:DE

ZIP:19898

Country:US

Info Phone Num:800-441-7515;302-774-60

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Emergency Phone Num:800-441-3637;800-424-9300(CHEMTREC)

Preparer's Name:PROD MANAGER, EP, F & FP

CAGE:0ERJ7

=== Contractor Identification ===

Company Name:DOW CORNING CORP

Address:2200 W SALZBURG RD

Box:City:AUBURN

State:MI

ZIP:48611

Country:US

Phone:517-496-4388

CAGE:71984

Company Name:E I DUPONT DE NEMOURS & CO, INC.

Address:1007 MARKET STREET

City:WILMINGTON

State:DE

ZIP:19898

Country:US

Phone:800-441-7515

CAGE:0ERJ7

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Composition/Information on Ingredients
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In

gred Name:AMMONIUM (I) NITRATE (1:1); (AMMONIUM NITRATE). LD50:
(ORAL, RAT) 3,732 MG/KG.

CAS:6484-52-2

RTECS #:BR9050000

Other REC Limits:10 MG/M3 (MFR)

Ingred Name:MONOMETHYLAMINE NITRATE

CAS:22113-87-7

Ingred Name:CALCIUM (II) NITRATE (1:2); (CALCIUM NITRATE)

CAS:10124-37-5

RTECS #:EW2985000

Ingred Name:SODIUM (I) NITRATE (1:1); (SODIUM NITRATE). LD50: (ORAL,
RAT) 3,000 MG/KG.

CAS:7631-99-4

RTECS #:WC5600000

Ingred Name:ALUMINUM

CAS:7429-90-5

RTECS #:BD0330000

OSHA PEL:15MG/M3 TDUS

T;5 FUME

ACGIH TLV:10MG/M3 DUST;5 FUME

Ingred Name:CARBONACEOUS FUEL

Ingred Name:PERLITE

CAS:93763-70-3

RTECS #:SD5254000

OSHA PEL:15MG/M3 TDUST;5RDUST

ACGIH TLV:10 MG/M3 TDUST

Ingred Name:FIBROUS GLASS; (SILICA)

CAS:65997-17-3

OSHA PEL:15MG/M3 TDUST;5RDUST

ACGIH TLV:10 MG/M3 DUST

Ingred Name:FUEL OIL, NO. 2; (OIL)

CAS:68476-30-2

RTECS #:LS8930000

Ingred Name:ETHYLENE GLYCOL

CAS:107-21-1

RTECS #:KW2975000

Other REC Limits:50 PPM (MFR)

OSHA PEL:50 PPM, C

ACGIH TLV:50 PPM, C, VAPOR

EPA Rpt Qt

y:1 LB
DOT Rpt Qty:1 LB

Ingred Name:SUPP DATA:EMPHYSEMA, BRONCHITIS & BRONCHOPNEUMONIA. ACUTE EXPOS CAN LEAD TO DEATH FROM ASPHYXIA OR PULMONARY EDEMA.
RTECS #:9999999ZZ

Ingred Name:FIRST AID PROC: CAUSES PHYSICAL INJURY, GET MEDICAL ATTENTION IMMEDIATELY.
RTECS #:9999999ZZ

Ingred Name:SPILL PROC: SOURCES OF HEAT/IMPACT. PICK UP BY HAND FOR DISPOSAL USING NONSPARKING TOOLS. DO NOT USE POWER EQUIPMENT.
RTECS #:9999999ZZ

Ingred Name:OTHER PREC:ALL EXPLOSIVES ARE DANGEROUS & MUST BE CAREFULLY HANDLED & USED FOLLOWING APPROVED SAFETY PROCEDURES (ING 15)
RTECS #:9999999ZZ

Ingred Name:ING 14:EITHER BY/UNDER DIRECTION OF COMPETENT, EXPERIENCED PERS I/A/W ALL APPLIC FED/STATE/LOC LAWS, REGS & ORDINANCES.
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:SEE INGREDIENTS 1 & 4
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chroni
c:DETONATION MAY CAUSE SEV PHYSICAL INJURY, INCLUDING DEATH.AMMONIUM NITRATE/MONOMETHYLAMINE NITRATE/OIL: SKIN IRRIT W/DISCOMFORT/RASH & EYE IRRIT W/DISCOMFORT, TEARING/BLURRING OF VISION.CALCIUM NITRAT E:IRRIT & CAUTERIZING ACTION OF SKIN & MUC MEMB, GASTRIC IRRIT & CYANOSIS. SODIUM NITRATE:NAUS, VOMIT, (EFTS OF OVEREXP)
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:HLTH HAZ:CRAMPS, HDCHS & CONVULSIONS. ALUMINUM POWDER:TEMP LUNG IRRIT EFTS W/COUGH, DISCOMFORT, DFCLTY
BRTHG/SHORTNESS OF BRTH.ETHYLENE GLYCOL:NAUS, HDCH, WEAKNESS, LOSS OF KIDNEY FUNCTION, EDEMA, URE MIA, TEMP NERVS SYS DEPRESS & ANAESTHETIC EFTS.SILICA:CAUSES SILICOSIS. CHRONIC:(ALUMINUM POWDER)EXCESSIVE (SUPP DATA)
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PREEXISTING DISEASES OF THE LUNGS MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

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

First Ai

d:SKIN:FLUSH W/WATER. EYE:IMMED FLUSH W/PLENTY OF WATER FOR @
LST 15 MIN. CALL MD. INGEST:INDUCE VOMIT IMMED BY GIVING 2 GLASSES
OF WATER & STICKING FINGER DOWN THROAT. NEVER GIVE ANYTHING BY
MOUTH TO U NCON PERS. CALL MD. INHAL:IF DETONATIONFUMES ARE
INHALED, REMOVE TO FRESH AIR. IF NOT BRTHG, GIVE ARTF RESP, PREF
MOUTH-TO-MOUTH. IF BRTHG IS DFCLT, GIVE O*2. CALL MD. NOTE:IF
DETONATION (ING 12)

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

Exting
uishing Media:NONE.
Fire Fighting Procedures:DO NOT FIGHT FIRE. KEEP PERSONNEL REMOVED AND
UPWIND OF FIRE. ISOLATE AREA. EVACUATE PERSONNEL TO A SAFE AREA.
Unusual Fire/Explosion Hazard:WILL DETONATE IF SUITABLY PRIMED, W/SEV
IMPACT/BY HEAT/FLAME. HAZ GASES PRDCED IN FIRE ARE NITROGEN OXIDES,
SILICA & ALUMINA FUMES. DOT (SUPP DATA)

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

Spill Release Procedures:REVIEW FIRE & EXPLO HAZ & SAFETY PREC BEFORE
PROCEEDING
W/CLEAN UP. USE APPROP PERS PROT EQUIP DURING CLEAN UP.
DIKE SPILL. PVNT LIQ FROM ENTERING SEWERS, WATERWAYS/LOW AREAS. DO
NOT USE DAMAGED/WET M ATL. CONTROL ACCESS TO AREA & REMOVE (ING 13)
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN WELL VENTD COOL AREA I/A/W
NFPA & FED REGS.DO NOT STORE W/OTHER EXPLOS.DO NOT MIX ACIDS,
ALKALIES, OXIDANTS.KEEP AWAY FROM HEAT/S
PKS/FLAMES.
Other Precautions:DO NOT STORE/CONSUME FOOD, DRINK/TOBACCO IN AREAS
WHERE THEY MAY BECOME CONTAMD W/MATL.STORE IN APPRVD TYPE MAGAZINE.
CONSULT DO'S & DONT'S ON CASE INSERT SUPPLIED W/PROD.AVOID BRTHG
VAPS/MIST. AVOID CONTACT W/EYES, SKIN, CLTHG. (ING 14)

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR
EXPOSURE OF CONCERN .
Ventilation:USE ONLY WITH ADEQUATE VENTILATION.
Prote

Protective Gloves: IMPERVIOUS (NEOPRENE) GLOVES.
Eye Protection: CHEMICAL WORKERS GOGGLES .
Other Protective Equipment: PROTECTIVE CLOTHING IF SPLASH IS LIKELY.
Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING. WASH CLOTHING AFTER USE.

Supplemental Safety and Health

EXPLO HAZ: CLASSIFICATION: BLASTING AGENT, N.O.S. HAZ DECOMP PROD: SILICA & ALUMINA FUMES. HLTH HAZ: EXPOSURES MAY LEAD TO CHRONIC LUNG DISORDERS W/SYMPS OF LUNG INSUFFICIENCY. NITROGEN OXIDE FUMES OF DETONATION: SKIN, EYE & RESP SYS IRRITANTS. SYSTEMIC TOX RSLTG FROM OXIDATION OF LUNG TISS INCLUDES (ING 11)

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

Spec Gravity: 1.1-1.4
Appearance and Odor: WHITE TO GRAY RUBBER-LIKE GEL.

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

Stability Indicator/Materials to Avoid: NO
INCOMPATIBLE WITH ACIDS, ALKALIES, OXIDANTS.
Stability Condition to Avoid: UNSTABLE WITH HEAT & SHOCK.
Hazardous Decomposition Products: DECOMPOSES W/HEAT, SHOCK & BY REACTION
W/ACIDS, ALKALIES, OXIDANTS. HAZ GASES PRDCED ARE NITROGEN OXIDES, (SUPP DATA)

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

Waste Disposal Methods: DO NOT BURN. CONSULT AN EXPLO MFR FOR RECD METHS OF DESTROYING EXPLO MATLS. COMPLY W/APPLIC FED REGS UNDER THE AUTHORITY OF THE RCRA (40 CFR, PARTS 260-271). DO NOT FLUSH TO SURF WATER/SANITARY SEWER SYS. DISPOSE I/A/W FED, STATE & LOCAL REGS .

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