

DEXTER CORP -- EPK 3X HARDENER, AB0003 -- 8040-00-732-0973

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Product Identification  
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Product ID:EPK 3X HARDENER, AB0003

MSDS Date:03/08/1993

FSC:8040

NIIN:00-732-0973

MSDS Number: CCSTL

=== Responsible Party ===

Company Name:DEXTER CORP

Address:ONE DEXTER DR

City:SEABROOK

State:NH

ZIP:03874

Country:US

Info Phone Num:603-474-5541

Emergency Phone Num:800-424-9300 (CHEMTREC)

Preparer's Name

:KEN DECOSTA

CAGE:57294

=== Contractor Identification ===

Company Name:DEXTER CORP THE HYSOL DIV

Address:1 DEXTER DR

Box:City:SEABROOK

State:NH

ZIP:03874

Country:US

Phone:603-474-5541/FAX: 603-474-5545

CAGE:1JB33

Company Name:DIVERSITY WATER TECHNOLOGIES INC

Address:LABORATORY PK 7145 PINE ST

Box:200

City:CHAGRIN FALLS

State:OH

ZIP:44022

Country:US

Phone:216-247-5000

CAGE:57294

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Composition/Information on Ingredients  
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Ingred Name:SILICA, CRYSTALLINE - QUARTZ; (QUART

Z)  
CAS:14808-60-7  
RTECS #:VV7330000  
Fraction by Wt: 28.3%  
OSHA PEL:N/K  
ACGIH TLV:0.1 MG/M3 RDUST

Ingred Name:RUTILE; (TITANIUM DIOXIDE)  
CAS:1317-80-2  
RTECS #:VM2940000  
Fraction by Wt: 1-5%  
OSHA PEL:10 MG/M3 TDUST  
ACGIH TLV:10 MG/M3

Ingred Name:REACTIVE POLYAMIDE  
CAS:37189-83-6  
Fraction by Wt: 60-100%  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:BENZENE, ETHYL-; (ETHYL BENZENE) (SARA 313)  
CAS:100-41-4  
RTECS #:DA0700000  
Fraction by Wt: 1-5%  
OSHA PEL:100 PPM  
ACGIH TLV:100 PPM; 125 STEL  
EPA Rpt Qty:  
1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:XYLENE; (XYLOL) (SARA 313) (CERCLA)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: 4%  
OSHA PEL:100 PPM  
ACGIH TLV:100 PPM; 150 STEL  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:SUPDAT: PRODUCING SUCH EFTS AS HDCHS, DIZZ, NAUS & LOSS OF  
CONSCIOUSNESS. EYES: SHORT TERM LIQ/VAP CONTACT MAY (ING 7)  
RTECS #:9999999ZZ

Ingred Name:ING 6: BE MORE IRRIT. SKIN: PRLNGD/RPTD LIQ CNTCT CAN CAUSE  
DEFAT & DRYING OF SKIN WHICH MAY RSLT IN SKIN IRRIT

(ING 8)  
RTECS #:9999999ZZ

Ingred Name:ING 7: & DERM. INHAL: HIGH CONCS OR PRLNGD EXPOS TO LOWER  
CONCS MAY BE SLIGHTLY IRRIT TO MUC MEMBS. INGEST: LIQ (ING 9)  
RTECS #:9999999ZZ

Ingred Name:ING 8: INGEST MAY RSLT IN VOMIT; ASPIR (BRTHG IN) OF LIQ  
INTO LUNGS MUST BE AVOIDED AS LIQ CNTCT W/THE LUNGS (ING 10)  
RTECS #:9999999ZZ

Ingred Name:ING 9: CAN RSLT IN CHEMICAL PNEUMONITIS & PULMONARY  
EDEMA/HEMORRHAGE.  
RTECS #:9999999ZZ

Ingred Name:FIRST AID PROC: REACTIVE POLYAMIDE IS A SENSITIZ  
ER. IF  
ALLERGIC MANIFESTATIONS OCCUR, CONSULT MD. INGEST: DO (ING 12)  
RTECS #:9999999ZZ

Ingred Name:ING 11: NOT INDUCE VOMITING EVEN THOUGH VOMITING MAY OCCUR.  
IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT (ING 13)  
RTECS #:9999999ZZ

Ingred Name:ING 12: ASPIR OF LIQ INTO LUNGS. GET MED ATTN. NOTE TO MD:  
DEPENDING UPON AMT INGESTED & RETAINED, AS WELL AS (ING 14)  
RTECS #:9999999ZZ

Ingred Name:ING 13: THE TOXICITY OF THE PROD, GASTRIC LAVAGE SHOULD BE  
CONSIDERED. KEEP PATIE  
NT'S HEAD BELOW HIPS TO PREVENT(ING 15)  
RTECS #:9999999ZZ

Ingred Name:ING 14: PULM ASPIR. IF COMATOSE, A CUFFED ENDOTRACHEAL TUBE  
WILL PREVENT ASPIR. CONSULT POISON CONTROL CENTER.  
RTECS #:9999999ZZ

Ingred Name:EYE PROT: & FULL LENGTH FACESHIELD .  
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES O

SHA:NO

Health Hazards Acute and Chronic:QUARTZ: INHAL: PRLNGD OVEREXP TO FREE SILICA DUST (UNCOMBINED SILICON DIOXIDE), ABOVE TLV SPECIFIED MAY CAUSE SCARRING OF LUNGS W/COUGH & SHORTNESS OF BREATH. DELAYED LUNG INJURY, SILICOSIS, MAY RSLT FROM BRTHG FREE SILICA. SILICOSIS IS A FORM OF DISABLING PROGRESSIVE & SOMETIMES FATAL PULM FIBROSIS (EFTS OF OVEREXP)

Explanation of Carcinogenicity:SILICA, CRYSTALLINE-QUARTZ: IARC MONOGRAPHS, SUPPLEMENT, VOL 7, PG 341, 1987:GROUP 2A  
. NTP 7TH

ANNUAL REPORT ON (SUPDAT)

Effects of Overexposure:HLTH HAZ: CHARACTERIZED BY PRESENCE OF TYPICAL NODULATION IN LUNGS. TITANIUM DIOXIDE: IS NOT HAZ MATL UNDER OSHA HAZ COMMUNICATION STD. REACTIVE POLYAMIDE: EYES: CNTCT CAN CAUSE BURNS. SKIN: CNTCT CAN CAUSE BURNS. PRLNGD SKIN CNTCT MAY CAUSE DERMATITIS. INHAL: BRTHG VAPS MAY BE SLIGHTLY IRRITATING. ETHYL (SUPDAT)

Medical Cond Aggravated by Exposure:PREEXISTING SKIN & EYE DISORDERS MAY BE AGGRAVATED BY EXPOS

TO THIS PROD. PREEXISTING SKIN OR LUNG ALLERGIES MAY INCR THE CHANCE OF DEVELOPING INCRD ALLERGY SYMPS FROM EXPOS TO THIS PROD.

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

First Aid:EYES: WASH W/LARGE AMTS OF WATER FOR AT LEAST 15 MIN, LIFTING LIDS OCCASNLY. GET MED ATTN. DO NOT WEAR CONTACTS WHEN WORKING W/SUBSTANCE. SKIN: WASH W/SOAP & WATER. REMOVE CONTAMD CLTHG & DO NOT REUSE UNTIL LAUNDERED. IF PERSISTENT IRRIT OCCURS, GET MED ATTN. INHAL:  
REMOVE VICTIM TO FRESH AIR & PROVIDE OXYGEN IF BRTHG IS DFCLT. GIVE ARTF RESP IF NOT BRTHG. GET MED ATTN. KEEP WARM & AT (ING 11)

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

Flash Point Method:TCC

Flash Point:150F,66C

Lower Limits:1.0%

Upper Limits:7.0%

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

Fire Fighting Procedures:USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:CLEANUP SHOULD BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CANS TIGHTLY CLOSED; STORE IN COOL, DRY PLACE.

Other Precautions:MAINTAIN GOOD HOUSEKEEPING STANDARDS.

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

Respiratory Protection:NIOSH APPROVED HYDROCARBON VAPOR CANISTER OR FRESH AIR MASK IN CONFINED AREA.

Ventilation:LOCAL EXHAUST -PREFERABLE; MECHANICAL - ACCEPTABLE.

Protective Gloves:RUBBER OR PLASTIC GLOVES.

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGS (ING 16)

Other Protective Equipment:ANSI APPROVED EYE WASH & DELUGE SHOWER . RUBBER APRON.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

EXPLAN OF CARCIN: CARCINOGENS, 1994:ANTICIPATED TO BE CARCINOGEN. EFTS

OF OVEREXP: BENZENE: MAY CAUSE IRRIT TO NOSE, THROAT & SKIN. HIGH CONCS MAY CAUSE MORE PRONOUNCED SYMPS, AS WELL AS DROW, WEAK, D IZZ & UNCON. PRLNGD/RPTD EXPOS TO SKIN MAY CAUSE RASH. XYLOL: ACUTE TOXICITY: OVEREXP CAN LEAD TO CNS DEPRESS (ING 6)

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

Boiling Pt:B.P. Text:281F,138C

Vapor Pres: