

DATAK CORP -- DRY CONCENTRATED ETCHANT, ER-3 -- 6850-00N048733 Part No. 03ER3

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MSDS Safety Information
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FSC: 6850
MSDS Date: 01/16/1991
MSDS Num: BTYWB
LIIN: 00N048733
Tech Review: 02/12/1996
Product ID: DRY CONCENTRATED ETCHANT, ER-3
Responsible Party
Cage: 1AA30
Name: DATAK CORP
Address: 55 FREEPORT BLVD #23
City: SPARKS NV 89431 US
Info Phone Number: 702-359-7474
Emergency Phone Number: 702-359-7474
Review Ind: N

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Contractor Summary
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Cage: 1AA30
Name: PHILMORE MFG./CARTER-CRAFT/DATAK
Address: 3660 PUBLISHERS DR.
Box: 6386
City: ROCKFORD IL 61125-1386 US
Phone: 815-874-2301

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Ingredients
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Cas: 7705-08-0
RTECS #: LJ9100000
Name: FERRIC CHLORIDE (SARA III)
OSHA PEL: 1 MG/M3 (FE)
ACGIH TLV: 1 MG/M3 (FE)
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS
Ozone Depleting Chemical: N

Name: SUPDAT:(TABLE SALT SOLN) MAY BE FLUSHED DOWN DRAIN. OBSERVE ALL
FEDERAL, STATE & LOCAL LAWS.

Name: OTHER PREC:DELEQUESCENT & WILL CORRODE MOST METALS. STORE IN
PLASTIC/GLASS CNTNRS W/NON METALLIC CAPS.
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Health Hazards Data
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LD50 LC50 Mixture: LD50:(ORAL,RAT) 1872 MG/KG.
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: ACUTE:HARMFUL IF SWALLOWED, INHALED/ABSORBED THRU
SKIN. MATL IS EXTREMELY DESTRUCTIVE TO TISS OF MUC MEMBS & UPPER RESP
TRACT, EYES & SKIN. INHAL MAY BE FATAL AS RSLT OF SPASM, INFLAMM & EDEMA
OF LARY NX & BRONCHI, CHEM PNEUM & PULM EDEMA. SYMPS OF EXPOS MAY INCL
BURNING SENSATION, COUGHING, WHEEZING, (EFTS OF OVEREXP)
Explanation Of Carcinogenicity: NOT RELEVANT

Signs And Symptions Of Overexposure: HLTH HAZ:LARYNGITIS, SHORTNESS OF BREATH, HDCH, NAUS & VOMIT. CAUSES SEV EYE IRRIT. TO THE BEST OF MFR'S KNOWLEDGE, CHEM, PHYSICAL & TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THORO INVESTIGATED.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: INGEST:CALL MD IMMED (FP N). EYES:IMMED FLUSH W/COPIOUS AMTS OF WATER FOR AT LST 15 MINS. ASSURE ADEQ FLUSHING BY SEPARATING EYELIDS W/FINGERS. SKIN:IMMED FLUSH W/COPIOUS AMTS OF WATER FOR AT LST 15 M INS WHILE REMOVING CONTAM CLTHG & SHOES. INHAL:REMOVE TO FRESH AIR. IF NOT BRTHG GIVE ARTF RESP. IF BRTHG IS DFCLT, GIVE OXYGEN. CALL MD.

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Handling and Disposal
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Spill Release Procedures: IF MATL IS RELEASED OR SPILLED WEAR NIOSH/MSHA APPRVD SCBA, RUBBER BOOTS & HEAVY RUBBER GLOVES. SWEEP UP, PLACE IN BAG & HOLD FOR WASTE DISP. AVOID RAISING DUST. VENTILATE AREA & WASH SPILL SITE AFTER MATL PICKUP IS COMPLETE.

Neutralizing Agent: SEE WASTE DISPOSAL METHOD.

Waste Disposal Methods: MATL SHOULD BE DISSOLVED IN WATER/OXIDIZED TO WATER-SOL STATE. PRECIPITATE MATL AS SULFIDE, ADJUSTING PH OF SOLN TO 7 TO COMPLETE PRECIPITATION. FILTER INSOLS & DISP OF THEM IN HAZ-WASTE SITE. DESTROY ANY EXCESS SULFIDE W/SODIUM HYPOCHLORITE. (SUPDAT)

Handling And Storage Precautions: DO NOT BREATHE DUST/GET IN EYES, ON SKIN/CLTHG. CORR. IRRIT DUST. KEEP TIGHTLY CLSD. DELEQUESCENT. STORE IN COOL, DRY PLACE. USE IN WELL-VENTED AREA.

Other Precautions: AVOID EYE & SKIN CONT. WHEN OPENING PACKETS, AVOID BRTHG FUMES. MATL HAS HIGH HEAT SOLN (353 BTU/LB), SO WHEN DISSOLVING IN WATER SLOWLY POUR MATL INTO WATER. DO NOT POUR WATER ON MATL AS THIS CAN RSL T IN SPATTERING & BURNS. MATL IS (ING 3)

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Fire and Explosion Hazard Information
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Flash Point Text: NONCOMBUSTIBLE

Extinguishing Media: USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.

Fire Fighting Procedures: USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire/Explosion Hazard: EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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Control Measures
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Respiratory Protection: NIOSH/MSHA APPROVED RESPIRATOR.

Ventilation: USE ONLY IN A WELL-VENTILATED AREA W/LOCAL EXHAUST.

Protective Gloves: CHEMICAL RESISTANT/RUBBER GLOVES.

Eye Protection: CHEMICAL SAFETY GOGGLES.

Other Protective Equipment: SAFETY SHOWER & EYE BATH.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health: MP:>572F,>300C (DECOMPOSES). WASTE DISP METH:NEUT SOLN BEFORE FLUSHING DOWN DRAIN. SPENT SOLN MATL WILL CONTAIN BOTH COPPER & IRON SALTS AFTER BEING USED AS ETCHANT. COPPER & IRON CAN BE PRECIPITATED AS HYDROXIDES BY ADJUSTING PH TO 7 W/SODIUM HYDROXIDE. FILTER SOLN & DISP OF INSOLS IN HAZ WASTE SITE. REMAINDER (ING 2)

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Physical/Chemical Properties
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HCC: N1

M.P/F.P Text: SUPP DATA

Vapor Pres: <1 @ 20C

Vapor Density: 5.61

Appearance and Odor: NONE SPECIFIED BY MANUFACTURER.

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid: INCOMPATIBILITIES: STRONG OXIDIZING AGENTS. FORMS
EXPLOSIVE MIXTURES W/SODIUM, POTASSIUM.

Hazardous Decomposition Products: HAZARDOUS COMBUSTION OR DECOMPOSITION
PRODUCTS: HYDROGEN CHLORIDE GAS.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: ALLYL CHLORIDE MAY POLYMERIZE
VIOLENTLY UNDER CONDITIONS INVOLVING ACID CATALYST SUCH AS FERRIC
CHLORIDE.

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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HAZCOM Label
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Product ID: DRY CONCENTRATED ETCHANT, ER-3

Cage: 1AA30

Company Name: PHILMORE MFG./CARTER-CRAFT/DATAK

Street: 3660 PUBLISHERS DR.

PO Box: 6386

City: ROCKFORD IL

Zipcode: 61125-1386 US

Health Emergency Phone: 702-359-7474

Date Of Label Review: 02/22/1994

Label Date: 02/22/1994

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: DANGER

Respiratory Protection IND: YES

Health Hazard: Moderate

Contact Hazard: Severe

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: CORROSIVE. ACUTE:HARMFUL IF SWALLOWED, INHALED OR
ABSORBED THROUGH SKIN. MATERIAL IS EXTREMELY DESTRUCTIVE TO TISSUE OF
MUCOUS MEMBRANES & UPPER RESPIRATORY TRACT, EYES & SKIN. INHALATION MAY
BE FATAL AS RESULT OF SPASM, INFLAMMATION & EDEMA OF LARYNX & BRONCHI,
CHEMICAL PNEUMONITIS & PULMONARY EDEMA. SYMPTOMS OF EXPOSURE MAY INCLUDE
BURNING SENSATION, COUGHING, WHEEZING, LARYNGITIS, SHORTNESS OF BREATH,
HEADACHE, NAUSEA & VOMITING. CAUSES SEVERE EYE IRRITATION.
CHRONIC:NONELISTED BY MANUFACTURER.

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