

DOD Hazardous Materials Information System  
DoD 6050.5-L  
AS OF July 1998

FSC: 6850  
NIIN: 00F030330  
Manufacturer's CAGE: 54627  
Part No. Indicator: A  
Part Number/Trade Name: 320 TRAY CLEANER

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General Information

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Item Name:  
Company's Name: HURST GRAPHICS INC  
Company's Street: 2500 SAN FERNANDO RD  
Company's P. O. Box: N/K  
Company's City: LOS ANGELES  
Company's State: CA  
Company's Country: US  
Company's Zip Code: 90065-1324  
Company's Emerg Ph #: 213-223-4121  
Company's Info Ph #: 213-223-4121  
Distributor/Vendor # 1:  
Distributor/Vendor # 1 Cage:  
Distributor/Vendor # 2:  
Distributor/Vendor # 2 Cage:  
Distributor/Vendor # 3:  
Distributor/Vendor # 3 Cage:  
Distributor/Vendor # 4:  
Distributor/Vendor # 4 Cage:  
Safety Data Action Code:  
Safety Focal Point: F  
Record No. For Safety Entry: 001  
Tot Safety Entries This Stk#: 001  
Status: SE  
Date MSDS Prepared: 01AUG88  
Safety Data Review Date: 30SEP93  
Supply Item Manager:  
MSDS Preparer's Name: A KORKIN/W LOGAN  
Preparer's Company: HURST GRAPHICS INC  
Preparer's St Or P. O. Box: 2500 SAN FERNANDO RD  
Preparer's City: LOS ANGELES  
Preparer's State: CA  
Preparer's Zip Code: 90065-1324  
Other MSDS Number:  
MSDS Serial Number: BRYBS  
Specification Number:  
Spec Type, Grade, Class:  
Hazard Characteristic Code:  
Unit Of Issue:  
Unit Of Issue Container Qty:  
Type Of Container:  
Net Unit Weight:

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NRC/State License Number:  
Net Explosive Weight:  
Net Propellant Weight-Ammo:  
Coast Guard Ammunition Code:

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Ingredients/Identity Information

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Proprietary: NO  
 Ingredient: SODIUM DICHROMATE  
 Ingredient Sequence Number: 01  
 Percent: N/K  
 Ingredient Action Code:  
 Ingredient Focal Point: F  
 NIOSH (RTECS) Number: HX7700000  
 CAS Number: 10588-01-9  
 OSHA PEL: 100 UG/CUM  
 ACGIH TLV: 50 MG/CUM  
 Other Recommended Limit: N/K

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Proprietary: NO  
 Ingredient: SULFURIC ACID IC=INTENDED CHANGES  
 Ingredient Sequence Number: 02  
 Percent: N/K  
 Ingredient Action Code:  
 Ingredient Focal Point: F  
 NIOSH (RTECS) Number: WS5600000  
 CAS Number: 7664-93-9  
 OSHA PEL: 1 MG/CUM  
 ACGIH TLV: 1 MG/CUM=IC  
 Other Recommended Limit: N/K

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Physical/Chemical Characteristics

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Appearance And Odor: CLEAR ORANGE SOLUTION, NO ODOR.  
 Boiling Point: 212F  
 Melting Point: N/K  
 Vapor Pressure (MM Hg/70 F): N/K  
 Vapor Density (Air=1): <1  
 Specific Gravity: 1.12  
 Decomposition Temperature: N/K  
 Evaporation Rate And Ref: N/K  
 Solubility In Water: 100%  
 Percent Volatiles By Volume: N/K  
 Viscosity:  
 pH: N/K  
 Radioactivity:  
 Form (Radioactive Matl):  
 Magnetism (Milligauss):  
 Corrosion Rate (IPY): N/K  
 Autoignition Temperature:

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Fire and Explosion Hazard Data

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Flash Point: NONE  
 Flash Point Method: N/P  
 Lower Explosive Limit: N/K  
 Upper Explosive Limit: N/K  
 Extinguishing Media: WATER SPRAY, CO2, DRY CHEMICAL  
 Special Fire Fighting Proc: N/K  
 Unusual Fire And Expl Hazrds: N/K

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Reactivity Data

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Stability: YES

Cond To Avoid (Stability): PHYSICAL DAMAGE  
 Materials To Avoid: ALKALINE, OXIDIZING & REDUCING AGENTS & BLEACH,  
 ORGANIC MATERIALS, COMBUSTIBLES  
 Hazardous Decomp Products: CO, CO2, & OXIDES OF SULFUR  
 Hazardous Poly Occur: NO  
 Conditions To Avoid (Poly): N/K

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Health Hazard Data

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LD50-LC50 Mixture: N/K  
 Route Of Entry - Inhalation: YES  
 Route Of Entry - Skin: YES  
 Route Of Entry - Ingestion: YES  
 Health Haz Acute And Chronic: SOME INGREDIENTS FORM CO IN BODY & MAY  
 INTERFERE W/NORMAL BLOOD FUNCTION UNDER HIGH EXPOSURE CONDITIONS.  
 INHALATION: IRRITATION, FOLLOWED BY ULCERATION/PERFORATION OF NASAL SEPTUM.  
 SKIN ABSORPTION LEADS TO KIDNEY FAILURE/DEATH. INGESTION: TISSUE  
 DESTRUCTION/KIDNEY FAILURE/DEATH. EYE: CONJUNCTIVITIS. CHROME ULCER.  
 Carcinogenicity - NTP: NO  
 Carcinogenicity - IARC: NO  
 Carcinogenicity - OSHA: NO  
 Explanation Carcinogenicity: NONE  
 Signs/Symptoms Of Overexp: SKIN: IRRITATION. EYES: CHEMICAL BURNS &  
 IRRITATION. INHALATION: IRRITATION OF RESPIRATORY TRACT.  
 Med Cond Aggravated By Exp: LIVER/KIDNEY DISORDERS, CHRONIC RESPIRATORY OR  
 SKIN DISEASES  
 Emergency/First Aid Proc: EYES: FLUSH IMMEDIATELY W/WATER. SKIN: WASH  
 PROMPTLY W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. APPLY ARTIFICIAL  
 RESPIRATION IF NECESSARY. INGESTION: DON'T GIVE COUNTER AGENTS OR INDUCE  
 VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: CONTAIN SPILLS FOR SALVAGE OR DISPOSAL.  
 MINIMIZE DILUTION WATER TO CONTROL SPILL VOLUME. AVOID RUN-OFF INTO SEWERS  
 & DITCHES.  
 Neutralizing Agent: N/K  
 Waste Disposal Method: CONSULT FEDERAL, STATE, & LOCAL REGULATIONS  
 CONTROLLING PROPER DISPOSAL OF HEXAVALENT CHROMIUM CONTAINING LIQUID.

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Precautions-Handling/Storing: STORE IN ORIGINAL CONTAINERS IN A COOL  
 LOCATION, SAFE FROM PHYSICAL DAMAGE & COMBUSTIBLE MATERIALS, W/CONTAINERS  
 TIGHTLY CLOSED.  
 Other Precautions: DON'T REUSE CONTAINER. AVOID CONTACT W/SKIN & EYES.  
 TRAIN ALL EMPLOYEES ON SPECIAL HANDLING PROCEDURES PRIOR TO WORKING W/  
 PRODUCT. INTENTIONAL MISUSE BY INHALING PRODUCT MAY CAUSE LIVER/KIDNEY/  
 BRAIN DAMAGE & OTHER HARMFUL EFFECTS/FATAL.

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Control Measures

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Respiratory Protection: IF WORKING ATMOSPHERE WHERE MIST IS PREVALENT, USE  
 NIOSH-APPROVED AIR PURIFYING RESPIRATOR W/MIST FILTER.  
 Ventilation: NORMAL SHOP VENTILATION IS ADEQUATE. FLOOR LEVEL VENTILATION  
 IS PREFERRED.  
 Protective Gloves: RUBBER  
 Eye Protection: SAFETY GOGGLES FOR SOLVENT SPLASHES  
 Other Protective Equipment: N/K  
 Work Hygienic Practices: REMOVE NON-IMPERVIOUS CLOTHING THAT BECOMES WET  
 TO PREVENT IRRITATION SOURCE.

Suppl. Safety & Health Data: N/K

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Transportation Data

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Transportation Action Code:  
 Transportation Focal Point:  
 Trans Data Review Date:  
 DOT PSN Code:  
 DOT Symbol:  
 DOT Proper Shipping Name:  
 DOT Class:  
 DOT ID Number:  
 DOT Pack Group:  
 DOT Label:  
 DOT/DoD Exemption Number:  
 IMO PSN Code:  
 IMO Proper Shipping Name:  
 IMO Regulations Page Number:  
 IMO UN Number:  
 IMO UN Class:  
 IMO Subsidiary Risk Label:  
 IATA PSN Code:  
 IATA UN ID Number:  
 IATA Proper Shipping Name:  
 IATA UN Class:  
 IATA Subsidiary Risk Class:  
 IATA Label:  
 AFI PSN Code:  
 AFI Symbols:  
 AFI Prop. Shipping Name:  
 AFI Class:  
 AFI ID Number:  
 AFI Pack Group:  
 AFI Label:

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AFI Special Prov:  
 AFI Basic Pac Ref:  
 MMAC Code:  
 N.O.S. Shipping Name:  
 Additional Trans Data:

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Disposal Data

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Disposal Data Action Code:  
 Disposal Data Focal Point:  
 Disposal Data Review Date:  
 Rec # For This Disp Entry:  
 Tot Disp Entries Per NSN:  
 Landfill Ban Item:  
 Disposal Supplemental Data:  
 1st EPA Haz Wst Code New:  
 1st EPA Haz Wst Name New:  
 1st EPA Haz Wst Char New:  
 1st EPA Acute Hazard New:  
 2nd EPA Haz Wst Code New:  
 2nd EPA Haz Wst Name New:  
 2nd EPA Haz Wst Char New:  
 2nd EPA Acute Hazard New:  
 3rd EPA Haz Wst Code New:

3rd EPA Haz Wst Name New:  
 3rd EPA Haz Wst Char New:  
 3rd EPA Acute Hazard New:

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Label Data

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Label Required: YES  
 Technical Review Date: 30SEP93  
 Label Date: 20SEP93  
 MFR Label Number: N/R  
 Label Status: F  
 Common Name: 320 TRAY CLEANER  
 Chronic Hazard: YES  
 Signal Word: DANGER!  
 Acute Health Hazard-None:  
 Acute Health Hazard-Slight:  
 Acute Health Hazard-Moderate:  
 Acute Health Hazard-Severe: X  
 Contact Hazard-None:  
 Contact Hazard-Slight:  
 Contact Hazard-Moderate:  
 Contact Hazard-Severe: X  
 Fire Hazard-None: X  
 Fire Hazard-Slight:  
 Fire Hazard-Moderate:  
 Fire Hazard-Severe:  
 Reactivity Hazard-None:  
 Reactivity Hazard-Slight: X  
 Reactivity Hazard-Moderate:

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Reactivity Hazard-Severe:  
 Special Hazard Precautions: SOME INGREDIENTS FORM CO IN BODY & MAY  
 INTERFERE W/NORMAL BLOOD FUNCTION UNDER HIGH EXPOSURE CONDITIONS.  
 INHALATION: IRRITATION, FOLLOWED BY ULCERATION/PERFORATION OF NASAL SEPTUM.  
 SKIN ABSORPTION LEADS TO KIDNEY FAILURE/DEATH. INGESTION: TISSUE  
 DESTRUCTION/KIDNEY FAILURE/DEATH. EYE: CONJUNCTIVITIS. CHROME ULCER. TARGET  
 ORGANS: SKIN, EYES, KIDNEYS, RESPIRATORY TRACT. TARGET ORGANS: EYES, SKIN,  
 LIVER, KIDNEYS, RESPIRATORY & DIGESTIVE TRACTS, HEART.  
 Protect Eye: Y  
 Protect Skin: Y  
 Protect Respiratory: Y  
 Label Name: HURST GRAPHICS INC  
 Label Street: 2500 SAN FERNANDO RD  
 Label P.O. Box: N/K  
 Label City: LOS ANGELES  
 Label State: CA  
 Label Zip Code: 90065-1324  
 Label Country: US  
 Label Emergency Number: 213-223-4121  
 Year Procured: UNK