

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

FSC: 7930
NIIN: 00F036387
Manufacturer's CAGE: 0W7N2
Part No. Indicator: A
Part Number/Trade Name: 404 SPOT & STAIN REMOVER

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General Information

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Item Name:
Company's Name: BETCO CORPORATION
Company's Street: 1001 BROWN AVE
Company's P. O. Box: N/K
Company's City: TOLEDO
Company's State: OH
Company's Country: US
Company's Zip Code: 43607
Company's Emerg Ph #: 419-241-2156
Company's Info Ph #: 419-241-2156
Distributor/Vendor # 1: PIKE SYSTEMS INC.
Distributor/Vendor # 1 Cage:
Distributor/Vendor # 2:
Distributor/Vendor # 2 Cage: 7Z451
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: 01JAN94
Safety Data Review Date: 15SEP94
Supply Item Manager:
MSDS Preparer's Name:
Preparer's Company: BETCO CORPORATION
Preparer's St Or P. O. Box: 1001 BROWN AVE
Preparer's City: TOLEDO
Preparer's State: OH
Preparer's Zip Code: 43607
Other MSDS Number:
MSDS Serial Number: BVRQK
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: WATER
Ingredient Sequence Number: 01
Percent: 45-90
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: ZC0110000
CAS Number: 7732-18-5
OSHA PEL: N/K
ACGIH TLV: N/K
Other Recommended Limit: N/K
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Proprietary: NO
Ingredient: ISOPROPANOL (ISOPROPYL ALCOHOL), 2-PROPANOL, DIMETHYL CARBINOL
Ingredient Sequence Number: 02
Percent: 5-10
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: NT8050000
CAS Number: 67-63-0
OSHA PEL: 400 PPM
ACGIH TLV: 400 PPM
Other Recommended Limit: 400 PPM
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Proprietary: NO
Ingredient: 2-BUTOXYETHANOL (ETHYLENEGLYCOL MONOBUTYL ETHER), BUTYL
CELLOSOLVE, BUTYL GLYCOL, GLYCOL ETHER EB
Ingredient Sequence Number: 03
Percent: 5-10
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: KJ8575000
CAS Number: 111-76-2
OSHA PEL: 50 PPM (SKIN)
ACGIH TLV: 25 PPM (SKIN)
Other Recommended Limit: 25 PPM (SKIN)
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Proprietary: NO
Ingredient: SODIUM LAURYL SULFATE, SODIUM DODECYL SULPHATE; DUPONAL;
STEPANOL T 28
Ingredient Sequence Number: 04
Percent: 0-5
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: WT1050000
CAS Number: 151-21-3
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OSHA PEL: N/K
ACGIH TLV: N/K
Other Recommended Limit: N/K
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Proprietary: NO
Ingredient: SODIUM THIOSULFATE, PENTAHYDRATE; SODIUM HYPOSULFITE
Ingredient Sequence Number: 05
Percent: 0-5
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: WE6660000
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CAS Number: 10102-17-7
 OSHA PEL: N/K
 ACGIH TLV: N/K
 Other Recommended Limit: N/K

 Proprietary: NO
 Ingredient: POLY (OXY-1,2-ETHANEDIYL), ALPHA-(4-NONYLPHENYL)-OMEGA-HYDROXY-,BRANCHED (NONOXYNOL-10) *94-3*
 Ingredient Sequence Number: 06
 Percent: 0-5
 Ingredient Action Code:
 Ingredient Focal Point: F
 NIOSH (RTECS) Number: 1002679N0
 CAS Number: 127087-87-0
 OSHA PEL: N/K
 ACGIH TLV: N/K
 Other Recommended Limit: N/K

 Proprietary: NO
 Ingredient: 1,2-PROPANEDIOL (PROPYLENE GLYCOL)
 Ingredient Sequence Number: 07
 Percent: 0-5
 Ingredient Action Code:
 Ingredient Focal Point: F
 NIOSH (RTECS) Number: TY2000000
 CAS Number: 57-55-6
 OSHA PEL: N/K
 ACGIH TLV: N/K
 Other Recommended Limit: N/K

 Proprietary: NO
 Ingredient: TRIETHANOLAMINE *94-3*
 Ingredient Sequence Number: 08
 Percent: 0-5
 Ingredient Action Code:
 Ingredient Focal Point: F
 NIOSH (RTECS) Number: KL9275000
 CAS Number: 102-71-6
 OSHA PEL: N/K
 ACGIH TLV: 3.1 MG/CUM IC
 Other Recommended Limit: A2 CARCINOGEN

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Proprietary: NO
 Ingredient: NONYLPHENOL POLYOXYETHYLENE ETHER; POLYOXYETHYLENE NONYLPHENOL; TERGITOL NPX; TRITON N-100; NONIONIC SURFACTANT
 Ingredient Sequence Number: 09
 Percent: 0-5
 Ingredient Action Code:
 Ingredient Focal Point: F
 NIOSH (RTECS) Number: MD0900000
 CAS Number: 9016-45-9
 OSHA PEL: N/K
 ACGIH TLV: N/K
 Other Recommended Limit: N/K

 Proprietary: NO
 Ingredient: PERFUME OILS
 Ingredient Sequence Number: 10

Percent: 0-5
 Ingredient Action Code:
 Ingredient Focal Point: F
 NIOSH (RTECS) Number: 1008331PF
 CAS Number:
 OSHA PEL: N/K
 ACGIH TLV: N/K
 Other Recommended Limit: N/K

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Physical/Chemical Characteristics

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Appearance And Odor: THIN COLORLESS LIQUID W/PLEASANT ODOR
 Boiling Point: 210F
 Melting Point: N/K
 Vapor Pressure (MM Hg/70 F): 30
 Vapor Density (Air=1): >1
 Specific Gravity: 1
 Decomposition Temperature: N/K
 Evaporation Rate And Ref: (WATER=1): <1
 Solubility In Water: COMPLETE
 Percent Volatiles By Volume: 90
 Viscosity:
 pH: 9-10
 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: N/R
 Flash Point Method: N/P
 Lower Explosive Limit: N/R
 Upper Explosive Limit: N/R
 Extinguishing Media: N/R
 Special Fire Fighting Proc: N/R

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Unusual Fire And Expl Hazrds: N/R

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Reactivity Data

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Stability: YES
 Cond To Avoid (Stability): N/K
 Materials To Avoid: STRONG OXIDIZERS
 Hazardous Decomp Products: CO & 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:
 Route Of Entry - Inhalation: YES
 Route Of Entry - Skin: YES
 Route Of Entry - Ingestion: YES
 Health Haz Acute And Chronic: SKIN: IRRITANT. EYES: IRRITANT. LIQUID &
 MISTS MAY DAMAGE THE EYES CAUSING CORNEAL INJURY. INHALATION: VAPORS MAY BE
 IRRITATING TO MUCOUS MEMBRANES OF NOSE, THROAT & LUNGS.
 Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO
 Carcinogenicity - OSHA: NO
 Explanation Carcinogenicity: NONE
 Signs/Symptoms Of Overexp: IRRITATION, REDNESS, SWELLING, HEADACHE,
 DIZZINESS, NAUSEA, VOMITING & DIARRHEA.
 Med Cond Aggravated By Exp: N/K
 Emergency/First Aid Proc: SKIN: FLUSH W/LARGE QUANTITIES OF WATER. EYES:
 FLUSH W/LARGE QUANTITIES WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION:
 DRINK TWO GLASSES OF WATER & 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: MOP UP/OTHERWISE ABSORB & HOLD FOR DISPOSAL.
 Neutralizing Agent: N/K
 Waste Disposal Method: DISPOSE OF IAW/LOCAL, STATE & FEDERAL REGULATIONS.
 Precautions-Handling/Storing: KEEP CONTAINER CLOSED DURING STORAGE. FOR
 INDUSTRIAL & INSTITUTIONAL USE ONLY.
 Other Precautions: KEEP OUT OF REACH OF CHILDREN.

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Control Measures

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Respiratory Protection: NO SPECIAL REQUIREMENTS.
 Ventilation: GOOD GENERAL SHOULD BE SUFFICIENT FOR MOST CONDITIONS. LOCAL
 EXHAUST MAY BE NECESSARY FOR SOME OPERATIONS.
 Protective Gloves: WATERPROOF RECOMMENDED
 Eye Protection: SAFETY GLASSES RECOMMENDED
 Other Protective Equipment: N/R
 Work Hygienic Practices: N/K
 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:
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:

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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: 15SEP94
Label Date: 15SEP94
MFR Label Number: N/R
Label Status: F
Common Name: SPOT & STAIN REMOVER
Chronic Hazard: NO
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: X
Reactivity Hazard-Slight:
Reactivity Hazard-Moderate:

Reactivity Hazard-Severe:

Special Hazard Precautions: SKIN: IRRITANT. EYES: IRRITANT. LIQUID & MISTS
MAY DAMAGE THE EYES CAUSING CORNEAL INJURY. INHALATION: VAPORS MAY BE
IRRITATING TO MUCOUS MEMBRANES OF NOSE, THROAT & LUNGS. TARGET ORGANS:
EYES. OMER.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory:

Label Name: BETCO CORPORATION

Label Street: 1001 BROWN AVE

Label P.O. Box: N/K

Label City: TOLEDO

Label State: OH

Label Zip Code: 43607

Label Country: US

Label Emergency Number: 419-241-2156

Year Procured: UNK