

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

FSC: 7930  
NIIN: 014367918  
Manufacturer's CAGE: 0WJ98  
Part No. Indicator: A  
Part Number/Trade Name: 3M BRAND BATHROOM CLEANER CONCENTRATE

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General Information

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Item Name: CLEANING SOLUTION, PORCELAIN  
Company's Name: 3M  
Company's Street: 3M CENTER  
Company's P. O. Box:  
Company's City: ST. PAUL  
Company's State: MN  
Company's Country: US  
Company's Zip Code: 55144-1000  
Company's Emerg Ph #: 612-733-1110  
Company's Info Ph #: 612-733-1110  
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: A  
Safety Focal Point: G  
Record No. For Safety Entry: 001  
Tot Safety Entries This Stk#: 001  
Status: SE  
Date MSDS Prepared: 14AUG96  
Safety Data Review Date: 14MAR98  
Supply Item Manager: SLA  
MSDS Preparer's Name:  
Preparer's Company:  
Preparer's St Or P. O. Box:  
Preparer's City:  
Preparer's State:  
Preparer's Zip Code:  
Other MSDS Number:  
MSDS Serial Number: CGNPG  
Specification Number: NK  
Spec Type, Grade, Class: NK  
Hazard Characteristic Code: NK  
Unit Of Issue: BX  
Unit Of Issue Container Qty: 6 EA BX  
Type Of Container: NK  
Net Unit Weight: NK

Report for NIIN: 014367918

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

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Ingredients/Identity Information

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Proprietary: NO  
 Ingredient: 1-OCTYL-2-PYRROLIDINONE  
 Ingredient Sequence Number: 01  
 Percent: 10-30  
 Ingredient Action Code: A  
 Ingredient Focal Point: G  
 NIOSH (RTECS) Number: NK  
 CAS Number: 2687-94-7  
 OSHA PEL: NOT ESTABLISHED  
 ACGIH TLV: NOT ESTABLISHED  
 Other Recommended Limit: NONE RECOMMENDED

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Proprietary: NO  
 Ingredient: HYDROXYACETIC ACID  
 Ingredient Sequence Number: 02  
 Percent: 10-30  
 Ingredient Action Code: A  
 Ingredient Focal Point: G  
 NIOSH (RTECS) Number: NK  
 CAS Number: 79-14-1  
 OSHA PEL: NOT ESTABLISHED  
 ACGIH TLV: NOT ESTABLISHED  
 Other Recommended Limit: 10 MG/M3 TWA CMRG

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Proprietary: NO  
 Ingredient: WATER  
 Ingredient Sequence Number: 03  
 Percent: 10-30  
 Ingredient Action Code: A  
 Ingredient Focal Point: G  
 NIOSH (RTECS) Number: ZC0110000  
 CAS Number: 7732-18-5  
 OSHA PEL: NOT ESTABLISHED  
 ACGIH TLV: NOT ESTABLISHED  
 Other Recommended Limit: NONE RECOMMENDED

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Proprietary: NO  
 Ingredient: MALEIC ACID (CERCLA)  
 Ingredient Sequence Number: 04  
 Percent: 10-30  
 Ingredient Action Code: A  
 Ingredient Focal Point: G  
 NIOSH (RTECS) Number: OM9625000  
 CAS Number: 110-16-7  
 OSHA PEL: NOT ESTABLISHED  
 ACGIH TLV: NOT ESTABLISHED

Report for NIIN: 014367918

Other Recommended Limit: NONE RECOMMENDED

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Proprietary: NO  
 Ingredient: QUATERNARY AMMONIUM CHLORIDE  
 Ingredient Sequence Number: 05  
 Percent: 5-10  
 Ingredient Action Code: A  
 Ingredient Focal Point: G  
 NIOSH (RTECS) Number: NK  
 CAS Number: 68424-95-3  
 OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED  
 Other Recommended Limit: NONE RECOMMENDED

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 Proprietary: NO  
 Ingredient: FRAGRANCE  
 Ingredient Sequence Number: 06  
 Percent: 1-5  
 Ingredient Action Code: A  
 Ingredient Focal Point: G  
 NIOSH (RTECS) Number: 1002064FR  
 CAS Number:  
 OSHA PEL: NOT ESTABLISHED  
 ACGIH TLV: NOT ESTABLISHED  
 Other Recommended Limit: NONE RECOMMENDED

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 Proprietary: NO  
 Ingredient: ETHYL ALCOHOL (ETHANOL)  
 Ingredient Sequence Number: 07  
 Percent: 1-5  
 Ingredient Action Code: A  
 Ingredient Focal Point: G  
 NIOSH (RTECS) Number: KQ6300000  
 CAS Number: 64-17-5  
 OSHA PEL: 1000 PPM  
 ACGIH TLV: 1000 PPM  
 Other Recommended Limit: NONE RECOMMENDED

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 Proprietary: NO  
 Ingredient: VOC = <10%  
 Ingredient Sequence Number: 08  
 Percent: NK  
 Ingredient Action Code: A  
 Ingredient Focal Point: G  
 NIOSH (RTECS) Number: 9999999VO  
 CAS Number:  
 OSHA PEL: NOT RELEVANT  
 ACGIH TLV: NOT RELEVANT  
 Other Recommended Limit: NONE RECOMMENDED

Report for NIIN: 014367918

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 Physical/Chemical Characteristics  
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Appearance And Odor: LIQUID GREEN COLOR, SLIGHTLY PUNGENT ODOR.  
 Boiling Point: NE  
 Melting Point: NA  
 Vapor Pressure (MM Hg/70 F): NE  
 Vapor Density (Air=1): NO DATA  
 Specific Gravity: 1.12 WATER=1  
 Decomposition Temperature: NK  
 Evaporation Rate And Ref: NO DATA  
 Solubility In Water: COMPLETE  
 Percent Volatiles By Volume: 15-20  
 Viscosity: <100 CENTIPOI  
 pH: 1.0  
 Radioactivity: NK  
 Form (Radioactive Matl):  
 Magnetism (Milligauss): N/P  
 Corrosion Rate (IPY): NK  
 Autoignition Temperature:

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                          Fire and Explosion Hazard Data
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Flash Point: >212F,>100C
Flash Point Method: N/P
Lower Explosive Limit: NO DATA
Upper Explosive Limit: NO DATA
Extinguishing Media: WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL, FOAM.
Special Fire Fighting Proc: USE FULL PROTECTIVE CLOTHING W/HELMET, SCBA
(POSITIVE PRESSURE), BUNKER COAT & PANTS, BANDS AROUND ARMS, WAIST & LEGS,
FACE MASK & PROTECTIVE COVER FOR HEAD.
Unusual Fire And Expl Hazrds: NO UNUSUAL FIRE EXPLOSION HAZARDS ARE
ANTICIPATED. SEE HAZARDOUS DECOMP SECTION FOR PRODUCTS OF COMBUSTION.
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                          Reactivity Data
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Stability: YES
Cond To Avoid (Stability): NK
Materials To Avoid: NK
Hazardous Decomp Products: CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF
NITROGEN, IRRITANT VAPORS AND GASES.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NK
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                          Health Hazard Data
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LD50-LC50 Mixture: NK
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: EYE: CHEM BURN, CLOUDY CORNEA, PAIN,
TEARING, ULCERS, LOSS OF VISION, IMPAIRED VISION. SKIN: CHEM BURN, RED,
SWELL, ITCH, PAIN, BLISTER, ULCERATION, SLOUGHING, SCAR FORMATION. INHAL:
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Report for NIIN: 014367918

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RESP IRRIT, SORE NOSE/THROAT, COUGH, SNEEZE, CONGESTION, THROAT IRRIT,
WHEEZE, DIF BREATH. INGEST: GI TISSUE IRRIT, PAIN, VOMIT, TENDER*
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NK
Signs/Symptoms Of Overexp: *ABDOMIN, NAUSEA, BLOOD IN VOMIT/FECES.
Med Cond Aggravated By Exp: NK
Emergency/First Aid Proc: EYE: FLUSH W/WATER FOR 15 MINUTES. SKIN: FLUSH
W/WATER FOR 15 MINUTES IN CHEMICAL SAFETY SHOWER WHILE REMOVING CONTAM
CLOTHES/SHOES. WASH BEFORE REUSE. INHAL: REMOVE TO FRESH AIR. INGEST: DONT
INDUCE VOMIT. DRINK 2 GLASSES OF WATER. IN ALL CASES, GET MED AID.
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                          Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: CALL 612-733-1110/612-733-6100, 24 HOUR
SPILL ASSISTANCE. VENT AREA. CONTAIN SPILL. COLLECT SPILLED MATERIAL. CLEAN
UP RESIDUE W/SODA ASH (SODIUM CARBONATE) SOLUTION. PLACE IN POLYURETHANE-
LINED METAL CONTAINER. DONT SEAL FOR 48 HOURS.
Neutralizing Agent: NK
Waste Disposal Method: INCINERATE IN PERMITTED HAZARDOUS WASTE
INCINERATOR.
Precautions-Handling/Storing: STORE IN A COOL PLACE. KEEP CONTAINER CLOSED
WHEN NOT IN USE.
Other Precautions: KEEP CONTAINER TIGHTLY CLOSED. KEEP AWAY FROM CHILDREN.
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Control Measures
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Respiratory Protection: SELECT NIOSH APPROVED RESPIRATOR BASED ON AIRBORNE CONCENTRATION OF CONTAMINANTS IN ACCORDANCE W/OSHA REGULATIONS: HALF-MASK ORGANIC VAPOR & ACID GAS RESPIRATOR, FULL-FACE ORGANIC VAPOR & ACID GAS RESPIRATOR.

Ventilation: USE IN WELL VENTED AREA W/ADEQUATE DILUTION VENTILATION. IF EXHAUST VENT IS NOT ADEQUATE, USE APPROPRIATE RESP PROT.

Protective Gloves: BUTYL RUBBER, NITRILE RUBBER

Eye Protection: FULL-FACE SHIELD

Other Protective Equipment: APRON AND COVERALLS TO PREVENT SKIN CONTACT.

Work Hygienic Practices: WASH HANDS AFTER HANDLING AND BEFORE EATING.

Suppl. Safety & Health Data: NK

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Transportation Data
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Transportation Action Code: A

Transportation Focal Point: G

Trans Data Review Date: 98073

DOT PSN Code: ZZZ

DOT Symbol: N/R

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

DOT Class: N/R

DOT ID Number: N/R

DOT Pack Group: N/R

DOT Label: N/R

DOT/DoD Exemption Number: NK

Report for NIIN: 014367918

IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

IMO Regulations Page Number: N/R

IMO UN Number: N/R

IMO UN Class: N/R

IMO Subsidiary Risk Label: N/R

IATA PSN Code: ZZZ

IATA UN ID Number: N/R

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

IATA UN Class: N/R

IATA Subsidiary Risk Class: N/R

IATA Label: N/R

AFI PSN Code: ZZZ

AFI Symbols:

AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

AFI Class: N/R

AFI ID Number: N/R

AFI Pack Group: N/R

AFI Label: N/R

AFI Special Prov:

AFI Basic Pac Ref:

MMAC Code: NK

N.O.S. Shipping Name: NK

Additional Trans Data: NK

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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:  
 Technical Review Date:  
 Label Date:  
 MFR Label Number:

Report for NIIN: 014367918

Label Status:  
 Common Name:  
 Chronic Hazard:  
 Signal Word:  
 Acute Health Hazard-None:  
 Acute Health Hazard-Slight:  
 Acute Health Hazard-Moderate:  
 Acute Health Hazard-Severe:  
 Contact Hazard-None:  
 Contact Hazard-Slight:  
 Contact Hazard-Moderate:  
 Contact Hazard-Severe:  
 Fire Hazard-None:  
 Fire Hazard-Slight:  
 Fire Hazard-Moderate:  
 Fire Hazard-Severe:  
 Reactivity Hazard-None:  
 Reactivity Hazard-Slight:  
 Reactivity Hazard-Moderate:  
 Reactivity Hazard-Severe:  
 Special Hazard Precautions:  
 Protect Eye:  
 Protect Skin:  
 Protect Respiratory:  
 Label Name:  
 Label Street:  
 Label P.O. Box:  
 Label City:  
 Label State:  
 Label Zip Code:  
 Label Country:  
 Label Emergency Number:  
 Year Procured: