

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

FSC: 6850  
NIIN: 012858354  
Manufacturer's CAGE: 86874  
Part No. Indicator: A  
Part Number/Trade Name: EXPO CLEANER FOR DRY ERASE SURFACES,81803,67429

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General Information

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Item Name: CLEANER, DRY ERASE BOARD  
Company's Name: SANFORD CORP  
Company's Street: 2740 WASHINGTON BLVD  
Company's P. O. Box:  
Company's City: BELLWOOD  
Company's State: IL  
Company's Country: US  
Company's Zip Code: 60104-1940  
Company's Emerg Ph #: 800-228-5635  
Company's Info Ph #: 800-228-5635  
Distributor/Vendor # 1: HIGHSMITH INC (800-835-2329)  
Distributor/Vendor # 1 Cage: 53448  
Distributor/Vendor # 2: ADAMS MARKETING ASSOCIATES INC  
Distributor/Vendor # 2 Cage: 3Y736  
Distributor/Vendor # 3:  
Distributor/Vendor # 3 Cage:  
Distributor/Vendor # 4:  
Distributor/Vendor # 4 Cage:  
Safety Data Action Code:  
Safety Focal Point: D  
Record No. For Safety Entry: 001  
Tot Safety Entries This Stk#: 001  
Status: SE  
Date MSDS Prepared: 21FEB96  
Safety Data Review Date: 17OCT97  
Supply Item Manager: CX  
MSDS Preparer's Name: JAMIE PAULIN  
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: BRLL  
Specification Number: NONE  
Spec Type, Grade, Class: NONE  
Hazard Characteristic Code: F4  
Unit Of Issue: BT  
Unit Of Issue Container Qty: 8 FL OZ  
Type Of Container: PLASTIC BOTTL  
Net Unit Weight: 0.4 LB

Report for NIIN: 012858354

NRC/State License Number: NOT RELEVANT  
Net Explosive Weight: N/R  
Net Propellant Weight-Ammo: N/R  
Coast Guard Ammunition Code: N/R

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Ingredients/Identity Information

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Proprietary: NO  
 Ingredient: WATER  
 Ingredient Sequence Number: 01  
 Percent: UNKNOWN  
 Ingredient Action Code:  
 Ingredient Focal Point: D  
 NIOSH (RTECS) Number: ZC0110000  
 CAS Number: 7732-18-5  
 OSHA PEL: NOT RELEVANT  
 ACGIH TLV: NOT RELEVANT  
 Other Recommended Limit: NONE RECOMMENDED

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Proprietary: NO  
 Ingredient: ISOPROPYL ALCOHOL (SARA 313)  
 Ingredient Sequence Number: 02  
 Percent: UNKNOWN  
 Ingredient Action Code:  
 Ingredient Focal Point: D  
 NIOSH (RTECS) Number: NT8050000  
 CAS Number: 67-63-0  
 OSHA PEL: 400 PPM  
 ACGIH TLV: 400 PPM/500STEL;9596  
 Other Recommended Limit: NONE RECOMMENDED

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Proprietary: NO  
 Ingredient: 2-BUTOXYETHANOL/ETHYLENE GLYCOL MONOBUTYL ETHER  
 Ingredient Sequence Number: 03  
 Percent: UNKNOWN  
 Ingredient Action Code:  
 Ingredient Focal Point: D  
 NIOSH (RTECS) Number: KJ8575000  
 CAS Number: 111-76-2  
 OSHA PEL: S, 50 PPM  
 ACGIH TLV: S, 25 PPM; 9596  
 Other Recommended Limit: NONE RECOMMENDED

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Physical/Chemical Characteristics

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Appearance And Odor: CLEAR LIQUID - CHARACTERISTIC ALCOHOL ODOR  
 Boiling Point: 180F,82C  
 Melting Point: UNKNOWN  
 Vapor Pressure (MM Hg/70 F): 33 @ 68F  
 Vapor Density (Air=1): >1  
 Specific Gravity: 0.78  
 Decomposition Temperature: UNKNOWN  
 Evaporation Rate And Ref: UNKNOWN

Report for NIIN: 012858354

Solubility In Water: UNKNOWN  
 Percent Volatiles By Volume: N/K  
 Viscosity: UNKNOWN  
 pH: N/R  
 Radioactivity: NOT RELEVANT  
 Form (Radioactive Matl):  
 Magnetism (Milligauss): N/P  
 Corrosion Rate (IPY): UNKNOWN  
 Autoignition Temperature: N/K

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Fire and Explosion Hazard Data

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Flash Point: 105F,41C  
Flash Point Method: TXX  
Lower Explosive Limit: 2.5% ISOPROP  
Upper Explosive Limit: UNKNOWN  
Extinguishing Media: WATER SPRAY, CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL.  
WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.  
Special Fire Fighting Proc: WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED  
SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire And Expl Hazrds: VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL  
CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINERS  
MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.  
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Reactivity Data

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Stability: YES  
Cond To Avoid (Stability): HEAT, FLAMES, SPARKS, HOT SURFACES  
Materials To Avoid: UNKNOWN  
Hazardous Decomp Products: CARBON MONOXIDE, CARBON DIOXIDE MAY BE FORMED  
DURING COMBUSTION.  
Hazardous Poly Occur: NO  
Conditions To Avoid (Poly): NOT RELEVANT  
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Health Hazard Data

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LD50-LC50 Mixture: LD50 (ORAL, RAT) IS UNKNOWN.  
Route Of Entry - Inhalation: YES  
Route Of Entry - Skin: NO  
Route Of Entry - Ingestion: NO  
Health Haz Acute And Chronic: TARGET ORGANS:EYE, SKIN, CNS, RESPIRATORY &  
GI TRACTS. ACUTE- MAY CAUSE EYE IRRITATION. REPEATED/PROLONGED SKIN CONTACT  
CAN CAUSE DRYING. HIGH VAPOR CONCENTRATIONS MAY PRODUCE RESPIRATORY  
IRRITATION, CNS EFFECTS. INGESTION MAY CAUSE VOMITING. CHRONIC- UNKNOWN.  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: NO  
Carcinogenicity - OSHA: NO  
Explanation Carcinogenicity: NONE  
Signs/Symptoms Of Overexp: IRRITATION, HEADACHE, DIZZINESS, NAUSEA, SKIN  
DRYNESS, TEARING, BLURRED VISION  
Med Cond Aggravated By Exp: PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE  
PROBLEMS OR IMPAIRED CNS OR RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO  
THE EFFECTS OF THIS PRODUCT.  
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Report for NIIN: 012858354

Emergency/First Aid Proc: GET MEDICAL HELP IF SYMPTOMS PERSIST.  
INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH  
WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:  
DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK A GLASS OF WATER. SEEK MEDICAL  
ATTENTION.  
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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES  
OF IGNITION. VENTILATE AREA. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT  
SUCH AS SAND OR VERMICULITE. TRANSFER TO CONTAINER FOR REUSE, RECYCLING/  
DISPOSAL. PREVENT LIQUID FROM ENTERING SEWERS OR WATERWAYS.  
Neutralizing Agent: NOT RELEVANT  
Waste Disposal Method: DISCHARGE, TREATMENT OR DISPOSAL IS SUBJECT TO  
FEDERAL, STATE OR LOCAL REGULATIONS. INCINERATION IS RECOMMENDED. SINCE  
EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE, FOLLOW LABEL WARNINGS EVEN AFTER  
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CONTAINER IS EMPTIED.

Precautions-Handling/Storing: STORE IN COOL, VENTILATED AREA, AWAY FROM HEAT, FLAMES, SPARKS, HOT SURFACES. KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions: AVOID BREATHING VAPORS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. KEEP OUT OF REACH OF CHILDREN. DO NOT INGEST. FOR INDUSTRIAL USE ONLY.

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Control Measures  
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Respiratory Protection: NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR.

Ventilation: USE EXPLOSION-PROOF VENTILATION EQUIPMENT TO CONTROL VAPOR CONCENTRATIONS.

Protective Gloves: NITRILE FOR REPEATED/PROLONGED CONTACT

Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment: EYE BATH, SAFETY SHOWER, WASHING FACILITIES

Work Hygienic Practices: OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Suppl. Safety & Health Data:

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Transportation Data  
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Transportation Action Code:

Transportation Focal Point: D

Trans Data Review Date: 97184

DOT PSN Code: GJL

DOT Symbol:

DOT Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.

DOT Class: 3

DOT ID Number: UN1993

DOT Pack Group: III

DOT Label: FLAMMABLE LIQUID

DOT/DoD Exemption Number: NOT RELEVANT

IMO PSN Code: HIA

IMO Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. o

IMO Regulations Page Number: 3345

Report for NIIN: 012858354

IMO UN Number: 1993

IMO UN Class: 3.3

IMO Subsidiary Risk Label: -

IATA PSN Code: MCA

IATA UN ID Number: 1993

IATA Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. \*

IATA UN Class: 3

IATA Subsidiary Risk Class:

IATA Label: FLAMMABLE LIQUID

AFI PSN Code: MCA

AFI Symbols:

AFI Prop. Shipping Name: FLAMMABLE LIQUIDS, N.O.S.

AFI Class: 3

AFI ID Number: UN1993

AFI Pack Group: III

AFI Label:

AFI Special Prov:

AFI Basic Pac Ref: A7.3

MMAC Code:

N.O.S. Shipping Name: CONTAINS ISOPROPYL ALCOHOL AND ETHYLENE GLYCOL MONOBUTYL ETHER.

Additional Trans Data: IMO SHIPPING NAME OF CARRIAGE OF DANGEROUS GOODS IN LIMITED QUANTITIES, MAY APPLY.

Disposal Data

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:

Label Data

Label Required: YES
Technical Review Date: 03JUL97
Label Date:
MFR Label Number: UNKNOWN
Label Status: F

Report for NIIN: 012858354

Common Name: EXPO CLEANER FOR DRY ERASE SURFACES,81803,67429
Chronic Hazard: N/P
Signal Word: WARNING!
Acute Health Hazard-None:
Acute Health Hazard-Slight: X
Acute Health Hazard-Moderate:
Acute Health Hazard-Severe:
Contact Hazard-None:
Contact Hazard-Slight: X
Contact Hazard-Moderate:
Contact Hazard-Severe:
Fire Hazard-None:
Fire Hazard-Slight:
Fire Hazard-Moderate: X
Fire Hazard-Severe:
Reactivity Hazard-None: X
Reactivity Hazard-Slight:
Reactivity Hazard-Moderate:
Reactivity Hazard-Severe:
Special Hazard Precautions: TARGET ORGANS:EYE, SKIN, CNS, RESPIRATORY & GI TRACTS. ACUTE- MAY CAUSE EYE IRRITATION. REPEATED/PROLONGED SKIN CONTACT MAY CAUSE DRYING. HIGH VAPOR CONCENTRATIONS MAY PRODUCE RESPIRATORY IRRITATION. INGESTION MAY CAUSE VOMITING. CHRONIC- UNKNOWN. STORE IN VENTILATED AREA. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND/VERMICULITE. TRANSFER TO CONTAINER FOR REUSE, RECYCLING/DISPOSAL. FIRST AID- GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR.

PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory:

Label Name: SANFORD CORP

Label Street: 2740 WASHINGTON BLVD

Label P.O. Box:

Label City: BELLWOOD

Label State: IL

Label Zip Code: 60104-1940

Label Country: US

Label Emergency Number: 800-228-5635

Year Procured: 1997