

ITEM: 1CD51 - Wipe Respirator Pk100

MSDS: A9802

ORDER: 0032644377

LP NUMBER: U819280887

MATERIAL SAFETY DATA SHEET (MSDS)

This MSDS should be attached or kept with the respective product with which it is associated.

##### MATERIAL SAFETY DATA SHEET - A9802 #####

Associated Grainger Items  
1CD51

3M  
MATERIAL SAFETY DATA SHEET  
3M BRAND 504 RESPIRATOR CLEANING WIPE  
04/27/2006  
3M  
MATERIAL SAFETY DATA SHEET

COPYRIGHT, 2006, 3M COMPANY. ALL RIGHTS RESERVED. COPYING AND/OR  
DOWNLOADING OF THIS INFORMATION FOR THE PURPOSE OF PROPERLY UTILIZING  
3M PRODUCTS IS ALLOWED PROVIDED THAT:  
(1) THE INFORMATION IS COPIED IN FULL WITH NO CHANGES UNLESS PRIOR WRITTEN  
AGREEMENT IS OBTAINED FROM 3M, AND  
(2) NEITHER THE COPY NOR THE ORIGINAL IS RESOLD OR OTHERWISE DISTRIBUTED  
WITH THE INTENTION OF EARNING A PROFIT THEREON.

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 3M BRAND 504 RESPIRATOR CLEANING WIPE.  
MANUFACTURER: 3M  
DIVISION: OCCUPATIONAL HEALTH & ENVIRON. SAFETY  
ADDRESS:  
3M CENTER  
ST. PAUL, MN 55144-1000  
EMERGENCY PHONE: 1-800-364-3577 OR (651) 737-6501 (24 HOURS)  
ISSUE DATE: 04/27/2006  
SUPERCEDES DATE: 05/16/2003  
DOCUMENT GROUP: 11-7028-1  
PRODUCT USE:  
SPECIFIC USE: CLEANING RESPIRATORS.

SECTION 2: INGREDIENTS

INGREDIENT	C.A.S. NO.	% BY WT
TOWELETTE	NONE	40 - 60
WATER	7732-18-5	40 - 60
PERFUME	UNKNOWN	0.1 - 1
POLYOXYETHYLENE MONOOCTYLPHENYL ETHER	9036-19-5	0.1 - 1
BENZYL-C12-16-ALKYLDIMETHYL AMMONIUM CHLORIDES	68424-85-1	0.1 - 1

SECTION 3: HAZARDS IDENTIFICATION

3.1 EMERGENCY OVERVIEW:  
SPECIFIC PHYSICAL FORM: NON-WOVEN MATERIAL  
ODOR, COLOR, GRADE: TOWELETTE IMPREGNATED WITH CLEAR LIQUID, LEMON SCENT  
GENERAL PHYSICAL FORM: SOLID MOIST  
IMMEDIATE HEALTH, PHYSICAL, AND ENVIRONMENTAL HAZARDS:  
THIS PRODUCT, WHEN USED UNDER REASONABLE CONDITIONS AND IN ACCORDANCE WITH  
THE 3M DIRECTIONS FOR USE, SHOULD NOT PRESENT A HEALTH HAZARD. HOWEVER,  
USE OR PROCESSING OF THE PRODUCT IN A MANNER NOT IN ACCORDANCE WITH THE  
PRODUCT'S DIRECTIONS FOR USE MAY AFFECT THE PERFORMANCE OF THE PRODUCT AND  
MAY PRESENT POTENTIAL HEALTH AND SAFETY HAZARDS.  
3.2 POTENTIAL HEALTH EFFECTS:  
EYE CONTACT:  
MILD EYE IRRITATION: SIGNS/SYMPTOMS MAY INCLUDE REDNESS, PAIN, AND TEARING.  
SKIN CONTACT: NO HEALTH EFFECTS ARE EXPECTED.  
INHALATION: NO HEALTH EFFECTS ARE EXPECTED.  
INGESTION: NO HEALTH EFFECTS ARE EXPECTED.  
3.3 POTENTIAL ENVIRONMENTAL EFFECTS: NOT DETERMINED.

SECTION 4: FIRST AID MEASURES

4.1 FIRST AID PROCEDURES:  
THE FOLLOWING FIRST AID RECOMMENDATIONS ARE BASED ON AN ASSUMPTION THAT  
APPROPRIATE PERSONAL AND INDUSTRIAL HYGIENE PRACTICES ARE FOLLOWED.  
EYE CONTACT:  
FLUSH EYES WITH LARGE AMOUNTS OF WATER. IF SIGNS/SYMPTOMS PERSIST, GET  
MEDICAL ATTENTION.  
SKIN CONTACT: NO NEED FOR FIRST AID IS ANTICIPATED.  
INHALATION: NO NEED FOR FIRST AID IS ANTICIPATED.  
IF SWALLOWED: NO NEED FOR FIRST AID IS ANTICIPATED.

SECTION 5: FIRE FIGHTING MEASURES

5.1 FLAMMABLE PROPERTIES:  
AUTOIGNITION TEMPERATURE: NO DATA AVAILABLE  
FLASH POINT: NOT APPLICABLE  
FLAMMABLE LIMITS - LEL: NOT APPLICABLE  
FLAMMABLE LIMITS - UEL: NOT APPLICABLE  
OSHA FLAMMABILITY CLASSIFICATION: NOT APPLICABLE  
5.2 EXTINGUISHING MEDIA:  
USE FIRE EXTINGUISHERS WITH CLASS B EXTINGUISHING AGENTS (E.G., DRY  
CHEMICAL, CARBON DIOXIDE).  
5.3 PROTECTION OF FIRE FIGHTERS:  
SPECIAL FIRE FIGHTING PROCEDURES:  
WEAR FULL PROTECTIVE EQUIPMENT (BUNKER GEAR) AND A SELF-CONTAINED BREATHING  
APPARATUS (SCBA).  
UNUSUAL FIRE AND EXPLOSION HAZARDS:  
NO UNUSUAL FIRE OR EXPLOSION HAZARDS ARE ANTICIPATED.  
NOTE:  
SEE STABILITY AND REACTIVITY (SECTION 10) FOR HAZARDOUS COMBUSTION AND  
THERMAL DECOMPOSITION INFORMATION.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: NOT APPLICABLE.  
IN THE EVENT OF A RELEASE OF THIS MATERIAL, THE USER SHOULD DETERMINE IF  
THE RELEASE QUALIFIES AS REPORTABLE ACCORDING TO LOCAL, STATE, AND FEDERAL  
REGULATIONS.

SECTION 7: HANDLING AND STORAGE

7.1 HANDLING: KEEP OUT OF THE REACH OF CHILDREN.  
7.2 STORAGE: STORE IN A COOL PLACE. STORE OUT OF DIRECT SUNLIGHT.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 ENGINEERING CONTROLS: NOT APPLICABLE.  
8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE):  
8.2.1 EYE/FACE PROTECTION:  
AVOID EYE CONTACT.  
ALLOW CLEANED EQUIPMENT TO THOROUGHLY DRY PRIOR TO USE.  
8.2.2 SKIN PROTECTION: NOT APPLICABLE.  
8.2.3 RESPIRATORY PROTECTION: NOT APPLICABLE.  
8.2.4 PREVENTION OF SWALLOWING: NOT APPLICABLE.  
8.3 EXPOSURE GUIDELINES: NONE ESTABLISHED

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

SPECIFIC PHYSICAL FORM: NON-WOVEN MATERIAL  
ODOR, COLOR, GRADE: TOWELETTE IMPREGNATED WITH CLEAR LIQUID, LEMON SCENT  
GENERAL PHYSICAL FORM: SOLID MOIST  
AUTOIGNITION TEMPERATURE: NO DATA AVAILABLE  
FLASH POINT: NOT APPLICABLE  
FLAMMABLE LIMITS - LEL: NOT APPLICABLE  
FLAMMABLE LIMITS - UEL: NOT APPLICABLE  
BOILING POINT:  
APPROXIMATELY 212 DEG. F (DETAILS: CONDITIONS: EXCLUDING TOWELETTE)  
DENSITY: 1.0 G/ML (DETAILS: EXCLUDING TOWELETTE)  
VAPOR DENSITY: NO DATA AVAILABLE  
VAPOR PRESSURE: 17.54 MMHg (@ 20 DEG. C) (DETAILS: EXCLUDING TOWELETTE)  
SPECIFIC GRAVITY:  
APPROXIMATELY 1 UNITS NOT AVAIL. OR NOT APPL. (REF STD: WATER=1)  
(DETAILS: CONDITIONS: EXCLUDING TOWELETTE)  
pH: 5.75 - 6.75 (DETAILS: CONDITIONS: EXCLUDING TOWELETTE)  
MELTING POINT: NOT APPLICABLE  
SOLUBILITY IN WATER: COMPLETE  
EVAPORATION RATE: NO DATA AVAILABLE  
VOLATILE ORGANIC COMPOUNDS: NO DATA AVAILABLE  
PERCENT VOLATILE:  
APPROXIMATELY 90 % (DETAILS: CONDITIONS: EXCLUDING TOWELETTE)  
VOC LESS H2O & EXEMPT SOLVENTS: NO DATA AVAILABLE

VISCOSITY: NO DATA AVAILABLE

SECTION 10: STABILITY AND REACTIVITY

STABILITY: STABLE.

MATERIALS AND CONDITIONS TO AVOID: NONE KNOWN

HAZARDOUS POLYMERIZATION: HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

SUBSTANCE CONDITION

CARBON MONOXIDE NOT SPECIFIED

CARBON DIOXIDE NOT SPECIFIED

HAZARDOUS DECOMPOSITION:  
UNDER RECOMMENDED USAGE CONDITIONS, HAZARDOUS DECOMPOSITION PRODUCTS ARE NOT EXPECTED. HAZARDOUS DECOMPOSITION PRODUCTS MAY OCCUR AS A RESULT OF OXIDATION, HEATING, OR REACTION WITH ANOTHER MATERIAL.

SECTION 11: TOXICOLOGICAL INFORMATION

PLEASE CONTACT THE ADDRESS LISTED IN SECTION 1 OF THIS MSDS FOR TOXICOLOGICAL INFORMATION ON THIS MATERIAL AND/OR ITS COMPONENTS.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: NOT DETERMINED. NOT APPLICABLE.

CHEMICAL FATE INFORMATION: NOT DETERMINED. NOT APPLICABLE.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:  
RECLAIM IF FEASIBLE. IF PRODUCT CAN'T BE RECLAIMED, DISPOSE OF WASTE PRODUCT IN A SANITARY LANDFILL. ALTERNATIVELY, INCINERATE THE WASTE PRODUCT IN AN INDUSTRIAL, COMMERCIAL, OR MUNICIPAL INCINERATOR.

EPA HAZARDOUS WASTE NUMBER (RCRA): NOT REGULATED

SINCE REGULATIONS VARY, CONSULT APPLICABLE REGULATIONS OR AUTHORITIES BEFORE DISPOSAL.

SECTION 14: TRANSPORT INFORMATION

ID NUMBER(S): 70-0703-1713-9, 70-0706-1360-2

PLEASE CONTACT THE EMERGENCY NUMBERS LISTED IN SECTION 1 OF THIS MSDS FOR TRANSPORTATION INFORMATION FOR THIS MATERIAL.

SECTION 15: REGULATORY INFORMATION

US FEDERAL REGULATIONS: CONTACT 3M FOR MORE INFORMATION.

311/312 HAZARD CATEGORIES:  
FIRE HAZARD: NO  
PRESSURE HAZARD: NO  
REACTIVITY HAZARD: NO  
IMMEDIATE HAZARD: YES  
DELAYED HAZARD: NO

STATE REGULATIONS: CONTACT 3M FOR MORE INFORMATION.

CHEMICAL INVENTORIES: CONTACT 3M FOR MORE INFORMATION.

INTERNATIONAL REGULATIONS: CONTACT 3M FOR MORE INFORMATION.

THIS MSDS HAS BEEN PREPARED TO MEET THE U.S. OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200.

SECTION 16: OTHER INFORMATION

NFPA HAZARD CLASSIFICATION:

HEALTH 0  
FLAMMABILITY 1  
REACTIVITY 0  
SPECIAL HAZARDS NONE

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD RATINGS ARE DESIGNED FOR USE BY EMERGENCY RESPONSE PERSONNEL TO ADDRESS THE HAZARDS THAT ARE PRESENTED BY SHORT-TERM, ACUTE EXPOSURE TO A MATERIAL UNDER CONDITIONS OF FIRE, SPILL, OR SIMILAR EMERGENCIES. HAZARD RATINGS ARE PRIMARILY BASED ON THE INHERENT PHYSICAL AND TOXIC PROPERTIES OF THE MATERIAL BUT ALSO INCLUDE THE TOXIC PROPERTIES OF COMBUSTION OR DECOMPOSITION PRODUCTS THAT ARE KNOWN TO BE GENERATED IN SIGNIFICANT QUANTITIES.

REVISION CHANGES:

SECTION 1: PRODUCT USE INFORMATION WAS MODIFIED.  
SECTION 16: NFPA HAZARD CLASSIFICATION HEADING WAS MODIFIED.  
SECTION 16: NFPA HAZARD CLASSIFICATION FOR HEALTH WAS MODIFIED.  
SECTION 16: NFPA HAZARD CLASSIFICATION FOR FLAMMABILITY WAS MODIFIED.  
SECTION 3: POTENTIAL ENVIRONMENTAL EFFECTS HEADING WAS MODIFIED.  
COPYRIGHT WAS MODIFIED.  
SECTION 5: FIRE FIGHTING PROCEDURES INFORMATION WAS MODIFIED.  
SECTION 7: HANDLING INFORMATION WAS MODIFIED.  
SECTION 15: 311/312 HAZARD CATEGORIES HEADING WAS MODIFIED.  
SECTION 15: INTERNATIONAL REGULATIONS INFORMATION WAS MODIFIED.  
SECTION 15: STATE REGULATIONS INFORMATION WAS MODIFIED.  
SECTION 15: US FEDERAL REGULATIONS INFORMATION WAS MODIFIED.  
SECTION 10: HAZARDOUS POLYMERIZATION HEADING WAS MODIFIED.  
SECTION 2: INGREDIENT TABLE WAS MODIFIED.  
SECTION 16: NFPA EXPLANATION WAS MODIFIED.  
SECTION 15: INVENTORIES INFORMATION WAS MODIFIED.  
SECTION 12: ECOTOXICOLOGICAL INFORMATION HEADING WAS MODIFIED.  
SECTION 12: CHEMICAL FATE INFORMATION HEADING WAS MODIFIED.  
SECTION 9: VAPOR PRESSURE VALUE WAS MODIFIED.  
SECTION 5: FLAMMABLE LIMITS (UEL) INFORMATION WAS MODIFIED.  
SECTION 5: FLAMMABLE LIMITS (LEL) INFORMATION WAS MODIFIED.  
SECTION 5: FLASH POINT INFORMATION WAS MODIFIED.  
SECTIONS 3 AND 9: ODOR, COLOR, GRADE INFORMATION WAS MODIFIED.

SECTION 9: MELTING POINT INFORMATION WAS MODIFIED.  
SECTION 16: NFPA HAZARD CLASSIFICATION FOR SPECIAL HAZARDS WAS MODIFIED.  
SECTION 8: EXPOSURE GUIDELINES INFORMATION - NONE - WAS MODIFIED.  
SECTION 9: FLASH POINT INFORMATION WAS MODIFIED.  
SECTION 9: FLAMMABLE LIMITS (LEL) INFORMATION WAS MODIFIED.  
SECTION 9: FLAMMABLE LIMITS (UEL) INFORMATION WAS MODIFIED.  
SECTION 10: HAZARDOUS DECOMPOSITION HEADING WAS MODIFIED.  
SECTION 12: ECOTOXICOLOGICAL PHRASE WAS MODIFIED.  
SECTION 12: CHEMICAL FATE PHRASE WAS MODIFIED.  
SECTION 6: RELEASE MEASURES NOTE - REPORTABILITY - WAS ADDED.  
SECTION 9: DENSITY INFORMATION WAS ADDED.  
SECTIONS 3 AND 9: SPECIFIC PHYSICAL FORM INFORMATION WAS ADDED.  
SECTIONS 3 AND 9: SPECIFIC PHYSICAL FORM HEADING WAS ADDED.  
SECTION 2: INGREDIENT PHRASE WAS ADDED.

ARTICLE DISCLAIMER TEXT (FOLLOWING THE COPYRIGHT) WAS DELETED.

DISCLAIMER:

THE INFORMATION IN THIS MATERIAL SAFETY DATA SHEET (MSDS) IS BELIEVED TO BE CORRECT AS OF THE DATE ISSUED. 3M MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. USER IS RESPONSIBLE FOR DETERMINING WHETHER THE 3M PRODUCT IS FIT FOR A PARTICULAR PURPOSE AND SUITABLE FOR USER'S METHOD OF USE OR APPLICATION. GIVEN THE VARIETY OF FACTORS THAT CAN AFFECT THE USE AND APPLICATION OF A 3M PRODUCT, SOME OF WHICH ARE UNIQUELY WITHIN THE USER'S KNOWLEDGE AND CONTROL, IT IS ESSENTIAL THAT THE USER EVALUATE THE 3M PRODUCT TO DETERMINE WHETHER IT IS FIT FOR A PARTICULAR PURPOSE AND SUITABLE FOR USER'S METHOD OF USE OR APPLICATION.

3M PROVIDES INFORMATION IN ELECTRONIC FORM AS A SERVICE TO ITS CUSTOMERS. DUE TO THE REMOTE POSSIBILITY THAT ELECTRONIC TRANSFER MAY HAVE RESULTED IN ERRORS, OMISSIONS OR ALTERATIONS IN THIS INFORMATION, 3M MAKES NO REPRESENTATIONS AS TO ITS COMPLETENESS OR ACCURACY. IN ADDITION, INFORMATION OBTAINED FROM A DATABASE MAY NOT BE AS CURRENT AS THE INFORMATION IN THE MSDS AVAILABLE DIRECTLY FROM 3M.

3M MSDSS ARE AVAILABLE AT WWW.3M.COM