

**3M****Material Safety Data Sheet**

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**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)

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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

<b>Specific Physical Form:</b>	Non-Woven Material
<b>Odor, Color, Grade:</b>	Towelette impregnated with clear liquid, lemon scent
<b>General Physical Form:</b>	Solid moist
<b>Autoignition temperature</b>	No Data Available
<b>Flash Point</b>	Not Applicable
<b>Flammable Limits - LEL</b>	Not Applicable
<b>Flammable Limits - UEL</b>	Not Applicable
<b>Boiling point</b>	Approximately 212 °F [Details: CONDITIONS: Excluding towelette]
<b>Density</b>	1.0 g/ml [Details: Excluding Towlette]
<b>Vapor Density</b>	No Data Available
<b>Vapor Pressure</b>	17.54 mmHg (@ 20 °C) [Details: Excluding Towlette]
<b>Specific Gravity</b>	Approximately 1 Units not avail. or not appl. [Ref Sid: WATER=1] [Details: CONDITIONS: Excluding towelette]
<b>pH</b>	5.75 - 6.75 [Details: CONDITIONS: Excluding towelette]
<b>Melting point</b>	Not Applicable
<b>Solubility in Water</b>	Complete
<b>Evaporation rate</b>	No Data Available
<b>Volatile Organic Compounds</b>	No Data Available
<b>Percent volatile</b>	Approximately 90 % [Details: CONDITIONS: Excluding towelette]
<b>VOC Less H2O &amp; Exempt Solvents</b>	No Data Available
<b>Viscosity</b>	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

<u>Substance</u>	<u>Condition</u>
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 on the first page of the 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 on the first page of the 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 (UE) 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.

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