



## Safety Data Sheet

Copyright,2022, 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.

**Document group:** 31-2764-4                      **Version number:** 4.00  
**Issue Date:** 31/01/2022                      **Supersedes date:** 30/06/2019

This Safety Data Sheet has been prepared in accordance with the Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice (Safe Work Australia, December 2011)

### IDENTIFICATION:

#### 1.1. Product identifier

3M Assorted Respirator Kits

#### Product Identification Numbers

AT-0105-9062-1	AT-0105-9063-9	AT-0105-9064-7	AT-0105-9065-4	AT-0106-2337-2
AT-0106-2338-0	AT-0106-2339-8	AT-0106-2340-6	AT-0106-2341-4	AT-0106-2342-2
AT-0106-2379-4	AT-0106-2380-2	AT-0106-2381-0	AT-0107-8241-8	AT-0107-8242-6
AT-0107-8243-4	AT-0107-8244-2	AT-0107-8245-9	AT-0107-8246-7	AT-0107-8247-5

#### 1.2. Recommended use and restrictions on use

##### Recommended use

Cleaning respirators

For Industrial or Professional use only.

#### 1.3. Supplier's details

**Address:** 3M Australia - Building A, 1 Rivett Road, North Ryde NSW 2113  
**Telephone:** 136 136  
**E Mail:** productinfo.au@mmm.com  
**Website:** www.3m.com.au

#### 1.4. Emergency telephone number

**Company Emergency Hotline:**EMERGENCY: 1800 097 146 (Australia only)

**This product is a kit or a multipart product which consists of multiple, independently packaged components. A Safety Data Sheet for each of these components is included. Please do not separate the component Safety Data Sheets from this cover page. The document numbers of the SDSs for components of this product are:**

11-7028-1

One or more components of this KIT is classified as a hazardous chemical according to the Model Work Health and Safety Regulations, 2011, in accordance with applicable State and Territory legislation.

### TRANSPORT INFORMATION

The Dangerous Goods Classification for the complete Kit is provided below.

**UN No.:** UN3077

**Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., ( Benzyl-C12-16-Alkyldimethyl Ammonium Chlorides )

**Class/Division:** 9

**Packing Group:** III

**Marine Pollutant:** Benzyl-C12-16-Alkyldimethyl Ammonium Chlorides

**Hazchem Code:** 2Z

**IERG:** 47

**Australian Dangerous Goods Code (ADG) - Road/Rail Transport**

**Special Instructions:** Not restricted, environmentally hazardous substance exception.

**International Air Transport Association (IATA)- Air Transport**

**Special Instructions:** Not restricted, as per Special Provision A197, environmentally hazardous substance exception.

**International Maritime Dangerous Goods Code (IMDG)- Marine Transport**

**Special Instructions:** Not restricted, as per IMDG code 2.10.2.7, marine pollutant exception.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Safety Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

Greenguard ® is a United States based program. The 'Low VOC' reference related to United States Federal and State regulations exemptions for some solvents.

**3M Australia SDSs are available at [www.3m.com.au](http://www.3m.com.au)**



## Safety Data Sheet

Copyright, 2022, 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.

<b>Document group:</b>	11-7028-1	<b>Version number:</b>	5.00
<b>Issue Date:</b>	17/01/2022	<b>Supersedes date:</b>	22/05/2019

This Safety Data Sheet has been prepared in accordance with the Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice (Safe Work Australia, December 2011)

### SECTION 1: Identification

#### 1.1. Product identifier

3M BRAND 504 RESPIRATOR CLEANING WIPE

#### Product Identification Numbers

AT-0105-8741-1

#### 1.2. Recommended use and restrictions on use

##### Recommended use

Cleaning respirators.

For Industrial or Consumer Use.

#### 1.3. Supplier's details

**Address:** 3M Australia - Building A, 1 Rivett Road, North Ryde NSW 2113  
**Telephone:** 136 136  
**E Mail:** productinfo.au@mmm.com  
**Website:** www.3m.com.au

#### 1.4. Emergency telephone number

EMERGENCY: 1800 097 146 (Australia only)

### SECTION 2: Hazard identification

This product is classified as a hazardous chemical according to the Model Work Health and Safety Regulations, 2011, in accordance with applicable State and Territory legislation.

Refer to Section 14 of this Safety Data Sheets for product Dangerous Goods Classification.

#### 2.1. Classification of the substance or mixture

Serious Eye Damage/Irritation: Category 2.

#### 2.2. Label elements

The label elements below were prepared in accordance with the Code of Practice on Preparation of Safety Data Sheets for Hazardous Chemicals (Safe Work Australia, December 2011). This information may be different from the actual product label.

**Signal word**

Warning

**Symbols**

Exclamation mark |

**Pictograms**



**Hazard statements**

H319 Causes serious eye irritation.

**Precautionary statements**

**Prevention:**

P264 Wash thoroughly after handling.

**Response:**

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 IF eye irritation persists: Get medical advice/attention.

**2.3. Other assigned/identified product hazards**

None known.

**2.4. Other hazards which do not result in classification**

Causes mild skin irritation.

Very toxic to aquatic life.

Harmful to aquatic life with long lasting effects.

**SECTION 3: Composition/information on ingredients**

This material is a mixture.

Ingredient	CAS Nbr	% by Weight
Water	7732-18-5	50 - 70
Cellulose	9004-34-6	30 - 50
Surfactants	68439-46-3	0.1 - 1
Cleaning Agents	68424-85-1	0.1 - 0.95

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**Inhalation**

Remove person to fresh air. If you feel unwell, get medical attention.

**Skin contact**

Wash with soap and water. If signs/symptoms develop, get medical attention.

**Eye contact**

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

**If swallowed**

Rinse mouth. If you feel unwell, get medical attention.

**4.2. Most important symptoms and effects, both acute and delayed**

No critical symptoms or effects. See Section 11.1, information on toxicological effects.

**4.3. Indication of any immediate medical attention and special treatment required**

Not applicable

**SECTION 5: Fire-fighting measures**

**5.1. Suitable extinguishing media**

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

**5.2. Special hazards arising from the substance or mixture**

None inherent in this product.

**Hazardous Decomposition or By-Products**

Substance

Carbon monoxide.  
Carbon dioxide.

Condition

During combustion.  
During combustion.

**5.3. Special protective actions for fire-fighters**

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

**Hazchem Code:** 2Z

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

**6.2. Environmental precautions**

Avoid release to the environment.

**6.3. Methods and material for containment and cleaning up**

Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

Avoid eye contact. For industrial/occupational use only. Not for consumer sale or use. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment.

**7.2. Conditions for safe storage including any incompatibilities**

No special storage requirements.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Occupational exposure limits**

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

Ingredient	CAS Nbr	Agency	Limit type	Additional comments
Cellulose	9004-34-6	ACGIH	TWA:10 mg/m <sup>3</sup>	
Cellulose	9004-34-6	Australia OELs	TWA(Inspirable dust)(8 hours):10 mg/m <sup>3</sup>	

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

Australia OELs : Australia. Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment

CMRG : Chemical Manufacturer's Recommended Guidelines

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

Sen: Sensitiser

Sk: Absorption through the skin may be a significant source of exposure.

**8.2. Exposure controls****8.2.1. Engineering controls**

No engineering controls required.

**8.2.2. Personal protective equipment (PPE)****Eye/face protection**

None required.

**Skin/hand protection**

No chemical protective gloves are required.

**Respiratory protection**

None required.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>Physical state</b>	Solid. moist
<b>Specific Physical Form:</b>	Non-Woven Material
<b>Colour</b>	White
<b>Odour</b>	Odourless
<b>Odour threshold</b>	<i>No data available.</i>
<b>pH</b>	5.75 - 6.75 [ <i>Details:CONDITIONS: Excluding towelette</i> ]
<b>Melting point/Freezing point</b>	<i>Not applicable.</i>
<b>Boiling point/Initial boiling point/Boiling range</b>	Approximately 100 °C [ <i>Details:CONDITIONS: Excluding towelette</i> ]
<b>Flash point</b>	No flash point
<b>Evaporation rate</b>	0.33 [ <i>Ref Std:BUOAC=1</i> ] [ <i>Details:Excluding Towelette</i> ]
<b>Flammability (solid, gas)</b>	Not classified
<b>Flammable Limits(LEL)</b>	<i>Not applicable.</i>
<b>Flammable Limits(UEL)</b>	<i>Not applicable.</i>

Vapour pressure	Approximately 2,338.5 Pa [ <i>@ 20 °C</i> ] [ <i>Details:Excluding Towelette</i> ]
Vapor Density and/or Relative Vapor Density	<i>No data available.</i>
Density	1 g/ml [ <i>Details:Excluding Towelette</i> ]
Relative density	Approximately 1 [ <i>Ref Std:WATER=1</i> ] [ <i>Details:CONDITIONS: Excluding towelette</i> ]
Water solubility	Complete
Solubility- non-water	<i>No data available.</i>
Partition coefficient: n-octanol/water	<i>No data available.</i>
Autoignition temperature	<i>No data available.</i>
Decomposition temperature	<i>No data available.</i>
Viscosity/Kinematic Viscosity	<i>No data available.</i>
Volatile organic compounds (VOC)	<i>No data available.</i>
Percent volatile	Approximately 100 % [ <i>Details:CONDITIONS: Excluding towelette</i> ]
VOC less H2O & exempt solvents	<i>No data available.</i>
Molecular weight	<i>No data available.</i>

**Nanoparticles**

This material does not contain nanoparticles.

**SECTION 10: Stability and reactivity****10.1 Reactivity**

This material is considered to be non reactive under normal use conditions

**10.2 Chemical stability**

Stable.

**10.3. Conditions to avoid**

None known.

**10.4. Possibility of hazardous reactions**

Hazardous polymerisation will not occur.

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products****Substance****Condition**

None known.

**SECTION 11: Toxicological information**

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labelling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

**11.1 Information on Toxicological effects****Signs and Symptoms of Exposure**

**Based on test data and/or information on the components, this material may produce the following health effects:**

#### **Inhalation**

Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

#### **Skin contact**

Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness.

#### **Eye contact**

Moderate eye irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

#### **Ingestion**

Physical Blockage: Signs/symptoms may include cramping, abdominal pain, and constipation. Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea.

#### **Toxicological Data**

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

#### **Acute Toxicity**

Name	Route	Species	Value
Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
Cellulose	Dermal	Rabbit	LD50 > 2,000 mg/kg
Cellulose	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 5.8 mg/l
Cellulose	Ingestion	Rat	LD50 > 5,000 mg/kg
Surfactants	Dermal	Rabbit	LD50 > 2,000 mg/kg
Surfactants	Ingestion	Rat	LD50 1,378 mg/kg
Cleaning Agents	Dermal	Rabbit	LD50 645 mg/kg
Cleaning Agents	Ingestion	Rat	LD50 366 mg/kg

ATE = acute toxicity estimate

#### **Skin Corrosion/Irritation**

Name	Species	Value
Cellulose	Not available	No significant irritation
Surfactants	Rabbit	Irritant

#### **Serious Eye Damage/Irritation**

Name	Species	Value
Cellulose	Not available	No significant irritation
Surfactants	Professional judgement	Corrosive

#### **Skin Sensitisation**

Name	Species	Value
Surfactants	Guinea pig	Not classified

#### **Respiratory Sensitisation**

For the component/components, either no data are currently available or the data are not sufficient for classification.

#### **Germ Cell Mutagenicity**



**3M BRAND 504 RESPIRATOR CLEANING WIPE**

Name	Route	Value
Surfactants	In Vitro	Not mutagenic

**Carcinogenicity**

For the component/components, either no data are currently available or the data are not sufficient for classification.

**Reproductive Toxicity****Reproductive and/or Developmental Effects**

Name	Route	Value	Species	Test result	Exposure Duration
Surfactants	Dermal	Not classified for female reproduction	Rat	NOAEL 250 mg/kg/day	2 generation
Surfactants	Dermal	Not classified for development	Rat	NOAEL 250 mg/kg/day	2 generation
Surfactants	Dermal	Not classified for male reproduction	Rat	NOAEL 100 mg/kg/day	2 generation

**Target Organ(s)****Specific Target Organ Toxicity - single exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Surfactants	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Not available	NOAEL Not available	not available

**Specific Target Organ Toxicity - repeated exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Surfactants	Dermal	kidney and/or bladder   hematopoietic system	Not classified	Rat	NOAEL 125 mg/kg/day	13 weeks

**Aspiration Hazard**

For the component/components, either no data are currently available or the data are not sufficient for classification.

**Exposure Levels**

Refer Section 8.1 Control Parameters of this Safety Data Sheet.

**Interactive Effects**

Not determined.

**SECTION 12: Ecological information**

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. Additional information leading to material classification in Section 2 is available upon request. In addition, environmental fate and effects data on ingredients may not be reflected in this section because an ingredient is present below the threshold for labelling, an ingredient is not expected to be available for exposure, or the data is considered not relevant to the material as a whole.

**12.1. Toxicity****Acute aquatic hazard:**

GHS Acute 1: Very toxic to aquatic life.

**Chronic aquatic hazard:**

GHS Chronic 3: Harmful to aquatic life with long lasting effects.

No product test data available.

Material	CAS Number	Organism	Type	Exposure	Test endpoint	Test result
Cellulose	9004-34-6		Data not available or insufficient for classification			N/A
Surfactants	68439-46-3	Fathead minnow	Experimental	96 hours	LC50	8.5 mg/l
Surfactants	68439-46-3	Green algae	Experimental	72 hours	EC50	45 mg/l
Surfactants	68439-46-3	Water flea	Experimental	48 hours	EC50	2.686 mg/l
Surfactants	68439-46-3	Fathead minnow	Experimental	30 days	NOEC	0.73 mg/l
Surfactants	68439-46-3	Green Algae	Experimental	72 hours	NOEC	1.2 mg/l
Cleaning Agents	68424-85-1	Activated sludge	Experimental	3 hours	EC50	7.75 mg/l
Cleaning Agents	68424-85-1	Diatom	Experimental	96 hours	EC50	0.089 mg/l
Cleaning Agents	68424-85-1	Green Algae	Experimental	72 hours	EC50	0.049 mg/l
Cleaning Agents	68424-85-1	Mysid Shrimp	Experimental	96 hours	LC50	0.092 mg/l
Cleaning Agents	68424-85-1	Rainbow trout	Experimental	96 hours	LC50	0.064 mg/l
Cleaning Agents	68424-85-1	Sheepshead Minnow	Experimental	96 hours	LC50	0.86 mg/l
Cleaning Agents	68424-85-1	Water flea	Experimental	48 hours	EC50	0.0058 mg/l
Cleaning Agents	68424-85-1	Diatom	Experimental	96 hours	NOEC	0.035 mg/l
Cleaning Agents	68424-85-1	Fathead minnow	Experimental	28 days	NOEC	0.0322 mg/l
Cleaning Agents	68424-85-1	Green algae	Experimental	72 hours	NOEC	0.009 mg/l
Cleaning Agents	68424-85-1	Water flea	Experimental	21 days	NOEC	0.00415 mg/l

**12.2. Persistence and degradability**

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Cellulose	9004-34-6	Data not available- insufficient			N/A	
Surfactants	68439-46-3	Experimental Biodegradation	28 days	BOD	88 % weight	OECD 301F - Manometric respirometry
Cleaning Agents	68424-85-1	Experimental Biodegradation	28 days	CO2 evolution	95.5 % weight	OECD 301B - Modified sturm or CO2

**12.3 : Bioaccumulative potential**

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Cellulose	9004-34-6	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Surfactants	68439-46-3	Estimated Bioconcentration		Bioaccumulation factor	31	Estimated: Bioconcentration factor
Cleaning Agents	68424-85-1	Experimental BCF - Bluegill	60 days	Bioaccumulation factor	33	OECD305-Bioconcentration

**12.4. Mobility in soil**

Please contact manufacturer for more details

**12.5 Other adverse effects**

No information available.

The surfactant(s) contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

## SECTION 13: Disposal considerations

**13.1. Disposal methods**

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes.

## SECTION 14: Transport Information

**Australian Dangerous Goods Code (ADG) - Road/Rail Transport**

UN No.: UN3077

**Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. ,  
( Benzyl-C12-16-Alkyldimethyl Ammonium Chlorides )

**Class/Division:** 9

**Sub Risk:** Not applicable.

**Packing Group:** III

**Special Instructions:** Australian Dangerous Goods Code: Not subject to this code as per Special Provision AU01

**Hazchem Code:** 2Z

**IERG:** 47

**International Air Transport Association (IATA) - Air Transport**

UN No.: UN3077

**Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. ,  
( Benzyl-C12-16-Alkyldimethyl Ammonium Chlorides )

**Class/Division:** 9

**Sub Risk:** Not applicable.

**Packing Group:** III

**Special Instructions:** Not restricted, as per Special Provision A197, environmentally hazardous substance exception.

**International Maritime Dangerous Goods Code (IMDG)- Marine Transport**

UN No.: UN3077

**Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. ,  
( Benzyl-C12-16-Alkyldimethyl Ammonium Chlorides )

**Class/Division:** 9

**Sub Risk:** Not applicable.

**Packing Group:** III

**Marine Pollutant:** Benzyl-C12-16-Alkyldimethyl Ammonium Chlorides

**Special Instructions:** Not restricted, as per IMDG code 2.10.2.7, marine pollutant exception.

## **SECTION 15: Regulatory information**

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Australian Inventory Status:**

All components of this product are listed on or exempt from the Australian Inventory of Industrial Chemicals (AIIC). Conditions may apply prior to introduction for direct importers of this product, Please contact 3M Australia on 136 136 for further details.

**Poison Schedule:** This product is not a scheduled poison according to the criteria of the Standard for the Uniform Scheduling of Medicines and Poisons.

## **SECTION 16: Other information**

**Revision information:**

Complete document review.

**DISCLAIMER:** The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Safety Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

Greenguard ® is a United States based program. The 'Low VOC' reference related to United States Federal and State regulations exemptions for some solvents.

**3M Australia SDSs are available at [www.3m.com.au](http://www.3m.com.au)**