



## Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the GHS guidelines & India Hazardous substances (Classification, Labeling & Packaging) Draft Rules 2011.

### SECTION 1: Identification

#### 1.1. Product identifier

Scotch-Brite Sponge Wipe- Yellow

**Company:** 3M India Limited

**Address:** B-20 MIDC Ranjangaon, Dist. Shirur, Pune- 412 201, Maharashtra

#### Product Identification Numbers

IA-8400-4553-7	IA-8400-4639-4	IA-8400-4641-0	IA-8400-4672-5	IA-8400-4675-8
IA-8400-4676-6	IA-8400-4682-4	IA-8401-0082-9	IE-6301-0003-0	

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

##### Recommended use

Surface cleaning wipe

#### 1.3. Supplier's details

**Address:** 3M India Limited, plot-48-51, Electronic city, Hosur road, Bangalore-560100

**Telephone:** 080-45543000, contact Product EHS team

**E Mail:** productehs.in@mmm.com

**Website:** <http://solutions.3mindia.co.in>

#### 1.4. Emergency telephone number

080-45543000 (Contact hours: 8:00 AM to 5:00 PM)

### SECTION 2: Hazard identification

Under MSIHC Rules, information is noted below on flammability, acute toxicity and explosivity relevant to this product. In line with international standards, information on other hazard classes and associated precautionary statements relevant to this product are included as well.

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

Acute Aquatic Toxicity: Category 3.

#### 2.2. Label elements

**Signal Word**

Not applicable.

## Symbols

Not applicable

## Pictograms

Not applicable

## HAZARD STATEMENTS:

H402 Harmful to aquatic life.

## PRECAUTIONARY STATEMENTS

### General:

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.

### Disposal:

P501 Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

## 2.3. Other hazards

None known.

## SECTION 3: Composition/information on ingredients

This material is a mixture.

Ingredient	CAS Nbr	% by Wt
Water	7732-18-5	30 - 60
Fibers	Trade Secret	30 - 60
Additive	Trade Secret	10 - 20
DIDECYLDIMETHYLAMMONIUM CHLORIDE	7173-51-5	< 0.1

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Inhalation

No need for first aid is anticipated. If symptoms develop, remove the affected person to fresh air. 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.

### 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.

## SECTION 6: Accidental release measures

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

Use PPE - Exposure Assessment Use personal protective equipment based on the results of an exposure assessment. Refer to Section 8 for PPE recommendations. If anticipated exposure resulting from an accidental release exceeds the protective capabilities of the PPE listed in Section 8, or are unknown, select PPE that offers an appropriate level of protection. Consider the physical and chemical hazards of the material when doing so. Examples of PPE ensembles for emergency response could include wearing bunker gear for a release of flammable material; wearing chemical protective clothing if the spilled material is a corrosive, a sensitizer, a significant dermal irritant, or can be absorbed through the skin; or donning a positive pressure supplied-air respirator for chemicals with inhalation hazards. For information regarding physical and health hazards, refer to sections 2 and 11 of the SDS. 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.

### 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

Keep out of reach of children. 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

No occupational exposure limit values exist for any of the components listed in Section 3 of this Safety Data Sheet.

### 8.2. Exposure controls

#### 8.2.1. Engineering controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray. If ventilation is not adequate, use respiratory protection equipment.

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

None required.

**Skin/hand protection**

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing.

Gloves made from the following material(s) are recommended: Nitrile rubber.

**Respiratory protection**

None required.

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

<b>Physical state</b>	Solid.
<b>Specific Physical Form:</b>	Wipe
<b>Color</b>	Yellow
<b>Odor</b>	Odourless
<b>Odour threshold</b>	<i>Not applicable.</i>
<b>pH</b>	<i>Not applicable.</i>
<b>Melting point/Freezing point: NA</b>	<i>Not applicable.</i>
<b>Boiling point/Initial boiling point/Boiling range</b>	<i>Not applicable.</i>
<b>Flash point</b>	<i>Not applicable.</i>
<b>Evaporation rate</b>	<i>Not applicable.</i>
<b>Flammability</b>	Not applicable.
<b>Flammable Limits(LEL)</b>	<i>Not applicable.</i>
<b>Flammable Limits(UEL)</b>	<i>Not applicable.</i>
<b>Vapour pressure</b>	<i>Not applicable.</i>
<b>Relative Vapor Density</b>	<i>Not applicable.</i>
<b>Density</b>	<i>Not applicable.</i>
<b>Relative density</b>	<i>Not applicable.</i>
<b>Water solubility</b>	<i>Not applicable.</i>
<b>Solubility- non-water</b>	<i>Not applicable.</i>
<b>Partition coefficient: n-octanol/water</b>	<i>Not applicable.</i>
<b>Autoignition temperature</b>	<i>Not applicable.</i>
<b>Decomposition temperature</b>	<i>Not applicable.</i>
<b>Kinematic Viscosity</b>	<i>Not applicable.</i>
<b>Volatile organic compounds (VOC)</b>	<i>No data available.</i>
<b>Percent volatile</b>	<i>No data available.</i>
<b>VOC less H2O &amp; exempt solvents</b>	<i>No data available.</i>

<b>Particle Characteristics</b>	<i>Not applicable.</i>
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**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 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

### 10.4 Conditions to avoid

None known.

### 10.5 Incompatible materials

None known.

### 10.6 Hazardous decomposition products

<u>Substance</u>	<u>Condition</u>
Carbon monoxide.	When material is burned
Carbon dioxide.	When material is burned
Toxic vapour, gas, particulate.	When material is burned

## 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

No known health effects.

#### Skin contact

Mechanical skin irritation: Signs/symptoms may include abrasion, redness, pain, and itching.

#### Eye contact

Mechanical eye irritation: Signs/symptoms may include pain, redness, tearing and corneal abrasion.

#### 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	Dermal		No data available; calculated ATE >5,000 mg/kg

Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
Additive	Dermal		LD50 estimated to be 2,000 - 5,000 mg/kg
Additive	Ingestion	Rat	LD50 2,800 mg/kg
DIDECYLDIMETHYLAMMONIUM CHLORIDE	Dermal	Rabbit	LD50 3,328 mg/kg
DIDECYLDIMETHYLAMMONIUM CHLORIDE	Ingestion	Rat	LD50 264 mg/kg

ATE = acute toxicity estimate

### Skin Corrosion/Irritation

Name	Species	Value
Additive	Professional judgement	Minimal irritation
DIDECYLDIMETHYLAMMONIUM CHLORIDE	Rabbit	Corrosive

### Serious Eye Damage/Irritation

Name	Species	Value
Additive	Rabbit	Mild irritant
DIDECYLDIMETHYLAMMONIUM CHLORIDE	Rabbit	Corrosive

### Sensitization:

#### Skin Sensitisation

Name	Species	Value
DIDECYLDIMETHYLAMMONIUM CHLORIDE	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

Name	Route	Value
DIDECYLDIMETHYLAMMONIUM CHLORIDE	In Vitro	Not mutagenic
DIDECYLDIMETHYLAMMONIUM CHLORIDE	In vivo	Not mutagenic

### Carcinogenicity

Name	Route	Species	Value
Additive	Ingestion	Mouse	Not carcinogenic
DIDECYLDIMETHYLAMMONIUM CHLORIDE	Ingestion	Rat	Not carcinogenic

### Reproductive Toxicity

#### Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure Duration
Additive	Ingestion	Not classified for development	Rat	NOAEL 800 mg/kg/day	during organogenesis
DIDECYLDIMETHYLAMMONIUM CHLORIDE	Ingestion	Not classified for female reproduction	Rat	NOAEL 137 mg/kg/day	2 generation
DIDECYLDIMETHYLAMMONIUM CHLORIDE	Ingestion	Not classified for male reproduction	Rat	NOAEL 109 mg/kg/day	2 generation
DIDECYLDIMETHYLAMMONIUM CHLORIDE	Ingestion	Not classified for development	Rabbit	NOAEL 12 mg/kg/day	during gestation

### Target Organ(s)

**Specific Target Organ Toxicity - single exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
DIDECYLDIMETHYLAMMONIUM CHLORIDE	Inhalation	respiratory irritation	May cause respiratory irritation	similar health hazards	NOAEL Not available	

**Specific Target Organ Toxicity - repeated exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Additive	Ingestion	kidney and/or bladder	Not classified	Mouse	NOAEL 11,400 mg/kg/day	13 weeks
DIDECYLDIMETHYLAMMONIUM CHLORIDE	Ingestion	gastrointestinal tract   hematopoietic system   immune system   heart   skin   endocrine system   bone, teeth, nails, and/or hair   liver   muscles   nervous system   eyes   kidney and/or bladder   respiratory system   vascular system	Not classified	Rat	NOAEL 175 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.

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

**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 3: Harmful to aquatic life.

**Chronic aquatic hazard:**

Not chronically toxic to aquatic life by GHS criteria.

No product test data available.

Material	CAS Nbr	Organism	Type	Exposure	Test endpoint	Test result
Additive	Trade Secret	Fathead minnow	Estimated	96 hours	LC50	4,525 mg/l
Additive	Trade Secret	Green algae	Estimated	72 hours	EC50	213.5 mg/l
Additive	Trade Secret	Water flea	Estimated	48 hours	EC50	1,171.1 mg/l
Additive	Trade Secret	Green algae	Estimated	72 hours	NOEC	213.5 mg/l
Additive	Trade Secret	Water flea	Estimated	21 days	EC10	685.3 mg/l
DIDECYLDIMETHYLAMMONIUM CHLORIDE	7173-51-5	Green algae	Experimental	72 hours	ErC50	0.062 mg/l
DIDECYLDIMET	7173-51-5	Water flea	Experimental	48 hours	EC50	0.029 mg/l

HYLAMMONIUM CHLORIDE						
DIDECYLDIMET HYLAMMONIUM CHLORIDE	7173-51-5	Zebra Fish	Experimental	96 hours	LC50	0.49 mg/l
DIDECYLDIMET HYLAMMONIUM CHLORIDE	7173-51-5	Green algae	Experimental	72 hours	NOEC	0.013 mg/l
DIDECYLDIMET HYLAMMONIUM CHLORIDE	7173-51-5	Water flea	Experimental	21 days	NOEC	0.021 mg/l
DIDECYLDIMET HYLAMMONIUM CHLORIDE	7173-51-5	Activated sludge	Experimental	3 hours	EC50	17.9 mg/l
DIDECYLDIMET HYLAMMONIUM CHLORIDE	7173-51-5	Red Clover	Experimental	14 days	EC50	106 mg/kg (Dry Weight)
DIDECYLDIMET HYLAMMONIUM CHLORIDE	7173-51-5	Redworm	Experimental	56 days	NOEC	125 mg/kg (Dry Weight)
DIDECYLDIMET HYLAMMONIUM CHLORIDE	7173-51-5	Soil microbes	Experimental	28 days	EC50	120 mg/kg (Dry Weight)

## 12.2. Persistence and degradability

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
Additive	Trade Secret	Data not available-insufficient	N/A	N/A	N/A	N/A
DIDECYLDIMET HYLAMMONIUM CHLORIDE	7173-51-5	Experimental Aquatic Inherent Biodegrad.	28 days	Dissolv. Organic Carbon Deplet	80 %removal of DOC	OECD 301B - Modified sturm or CO2
DIDECYLDIMET HYLAMMONIUM CHLORIDE	7173-51-5	Experimental Biodegradation	28 days	CO2 evolution	67-71 %CO2 evolution/THCO2 evolution	OECD 301B - Modified sturm or CO2
DIDECYLDIMET HYLAMMONIUM CHLORIDE	7173-51-5	Experimental Biodegradation	59 days	Dissolv. Organic Carbon Deplet	>99.95 %removal of DOC	OECD 303A - Simulated Aerobic
DIDECYLDIMET HYLAMMONIUM CHLORIDE	7173-51-5	Experimental Soil Inherent Biodegradability	114 days	CO2 evolution	49 %CO2 evolution/THCO2 evolution	

## 12.3 : Bioaccumulative potential

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
Additive	Trade Secret	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
DIDECYLDIMET HYLAMMONIUM CHLORIDE	7173-51-5	Experimental BCF - Fish	60 days	Bioaccumulation factor	<=95	OECD305-Bioconcentration
DIDECYLDIMET HYLAMMONIUM CHLORIDE	7173-51-5	Experimental Bioconcentration		Log Kow	2.58	OECD 107 log Kow shke flsk mtd

## 12.4. Mobility in soil

Please contact manufacturer for more details

## 12.5 Other Adverse effects

No information available.



## 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. As a disposal alternative, utilize an acceptable permitted waste disposal facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

## SECTION 14: Transport Information

Not hazardous for transportation.

### Air Transport (IATA) Regulations

**UN No** Not applicable

**Proper Shipping Name** Not applicable

**Hazard Class/Division** Not applicable

**Subsidiary Risk** Not applicable

**Packing Group:** Not applicable

### Marine Transport (IMDG)

**UN No** Not applicable

**Proper Shipping Name** Not applicable

**Hazard Class/Division** Not applicable

**Subsidiary Risk** Not applicable

**Packing Group:** Not applicable

**Environmental Hazards:** Not applicable

## SECTION 15: Regulatory information

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

#### Global inventory status

Contact 3M for more information.

#### Applicable Environmental, Health and Safety Regulations

The Manufacture, Storage and Import of Hazardous Chemical Rules, 1989

The following ingredients are listed as hazardous on Part II of Schedule I of the India Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) rules

None.

The following ingredients are classified as hazardous based on the criteria listed under Part I of Schedule I of the India Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) rules:

Product is classified as Non Hazardous as per MSIHC Rules, 1989.

## SECTION 16: Other information

### NFPA Hazard Classification

**Health:** 0    **Flammability:** 1    **Instability:** 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 information:**

Section 1: Product identification numbers information was modified.  
Section 02: GHS Pictogram Not Applicable information was added.  
Section 02: GHS Signal Word - Not applicable information was added.  
Section 02: GHS Symbol Text - Not applicable information was added.  
Label: GHS Classification information was modified.  
Label: GHS Precautionary - General information was modified.  
Section 4: First aid for inhalation information information was modified.  
Section 6: Accidental release personal information information was modified.  
Section 9: All Properties information was deleted.  
Section 9: Flammability (solid, gas) information information was deleted.  
Section 09: Flammability information information was added.  
Section 09: Kinematic Viscosity information information was added.  
Section 09: Nanoparticle information was deleted.  
Section 09: Particle Characteristics N/A information was added.  
Section 09: Percent Volatile information was modified.  
Section 09: Vapor Density Value information was modified.  
Section 09: Viscosity information was deleted.  
Section 09: VOC Less H2O & Exempt Solvents information was modified.  
Section 09: Volatile Organic Compounds information was modified.  
Section 11: Acute Toxicity table information was modified.  
Section 11: Carcinogenicity Table information was modified.  
Section 11: Germ Cell Mutagenicity Table information was added.  
Section 11: Germ Cell Mutagenicity text information was deleted.  
Section 11: Reproductive Toxicity Table information was modified.  
Section 11: Serious Eye Damage/Irritation Table information was modified.  
Section 11: Skin Corrosion/Irritation Table information was modified.  
Section 11: Skin Sensitization Table information was added.  
Section 11: Skin Sensitization text information was deleted.  
Section 11: Specific Target Organ Toxicity - single exposure text information was deleted.  
Section 11: Target Organs - Repeated Table information was modified.  
Section 11: Target Organs - Single Table information was added.  
Section 12: Component ecotoxicity information information was modified.  
Section 12: Persistence and Degradability information information was modified.  
Section 12: Bioaccumulative potential information information was modified.

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