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- Red

Product Identification Numbers

IA-8101-0265-6	IA-8400-4572-7	IA-8400-4574-3	IA-8400-4581-8	IA-8400-4636-0
IA-8400-4637-8	IA-8400-4638-6	IA-8400-4696-4	IA-8400-4713-7	IA-8400-4714-5
IA-8400-4732-7	IA-8400-4738-4	IA-8400-4739-2	IA-8400-4740-0	IA-8400-4741-8
IA-8400-4744-2	IA-8400-4752-5	IA-8400-4763-2	IA-8400-4792-1	IA-8401-0092-8
IA-8401-0102-5	IA-8401-0135-5	IA-8401-0263-5	IA-8401-0287-4	IA-8401-5753-0
IA-8401-5754-8	IA-8401-5756-3	IA-8601-0014-7	IA-8601-0016-2	IE-6301-0004-8
IE-6301-0020-4				

1.2. Recommended use and restrictions on use

Recommended use
Surface Cleaning

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

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

Particle Characteristics	*Not applicable.*

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

Substance	Condition
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	Not classified	Rat	NOAEL 175 mg/kg/day	13 weeks
DIDECYLDIMETHYLAMMONIUM CHLORIDE	Ingestion	hematopoietic system	Not classified	Rat	NOAEL 175 mg/kg/day	13 weeks
DIDECYLDIMETHYLAMMONIUM CHLORIDE	Ingestion	immune system	Not classified	Rat	NOAEL 175 mg/kg/day	13 weeks
DIDECYLDIMETHYLAMMONIUM CHLORIDE	Ingestion	heart	Not classified	Rat	NOAEL 175 mg/kg/day	13 weeks
DIDECYLDIMETHYLAMMONIUM CHLORIDE	Ingestion	skin	Not classified	Rat	NOAEL 175 mg/kg/day	13 weeks
DIDECYLDIMETHYLAMMONIUM CHLORIDE	Ingestion	endocrine system	Not classified	Rat	NOAEL 175 mg/kg/day	13 weeks
DIDECYLDIMETHYLAMMONIUM CHLORIDE	Ingestion	bone, teeth, nails, and/or hair	Not classified	Rat	NOAEL 175 mg/kg/day	13 weeks
DIDECYLDIMETHYLAMMONIUM CHLORIDE	Ingestion	liver	Not classified	Rat	NOAEL 175 mg/kg/day	13 weeks
DIDECYLDIMETHYLAMMONIUM CHLORIDE	Ingestion	muscles	Not classified	Rat	NOAEL 175 mg/kg/day	13 weeks
DIDECYLDIMETHYLAMMONIUM CHLORIDE	Ingestion	nervous system	Not classified	Rat	NOAEL 175 mg/kg/day	13 weeks
DIDECYLDIMETHYLAMMONIUM CHLORIDE	Ingestion	eyes	Not classified	Rat	NOAEL 175 mg/kg/day	13 weeks
DIDECYLDIMETHYLAMMONIUM CHLORIDE	Ingestion	kidney and/or bladder	Not classified	Rat	NOAEL 175 mg/kg/day	13 weeks
DIDECYLDIMETHYLAMMONIUM CHLORIDE	Ingestion	respiratory system	Not classified	Rat	NOAEL 175 mg/kg/day	13 weeks
DIDECYLDIMETHYLAMMONIUM CHLORIDE	Ingestion	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
DIDECYLDIMETHYLAMMONIUM CHLORIDE	7173-51-5	Water flea	Experimental	48 hours	EC50	0.029 mg/l
DIDECYLDIMETHYLAMMONIUM CHLORIDE	7173-51-5	Zebra Fish	Experimental	96 hours	LC50	0.49 mg/l
DIDECYLDIMETHYLAMMONIUM CHLORIDE	7173-51-5	Green algae	Experimental	72 hours	NOEC	0.013 mg/l
DIDECYLDIMETHYLAMMONIUM CHLORIDE	7173-51-5	Midge	Experimental	28 days	NOEC	530 mg/kg (Dry Weight)
DIDECYLDIMETHYLAMMONIUM CHLORIDE	7173-51-5	Water flea	Experimental	21 days	NOEC	0.018 mg/l
DIDECYLDIMETHYLAMMONIUM CHLORIDE	7173-51-5	Zebra Fish	Experimental	34 days	NOEC	0.032 mg/l
DIDECYLDIMETHYLAMMONIUM CHLORIDE	7173-51-5	Activated sludge	Experimental	3 hours	EC50	17.9 mg/l
DIDECYLDIMETHYLAMMONIUM CHLORIDE	7173-51-5	Red Clover	Experimental	14 days	EC50	106 mg/kg (Dry Weight)
DIDECYLDIMETHYLAMMONIUM CHLORIDE	7173-51-5	Redworm	Experimental	56 days	NOEC	125 mg/kg (Dry Weight)
DIDECYLDIMETHYLAMMONIUM 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
DIDECYLDIMETHYLAMMONIUM CHLORIDE	7173-51-5	Experimental Aquatic Inherent Biodegrad.	28 days	Dissolv. Organic Carbon Deplet	80 %removal of DOC	EC C.9 Zhan-Wellens
DIDECYLDIMETHYLAMMONIUM CHLORIDE	7173-51-5	Experimental Biodegradation	28 days	CO2 evolution	69 %CO2 evolution/THCO2 evolution	OECD 301B - Modified sturm or CO2
DIDECYLDIMETHYLAMMONIUM	7173-51-5	Experimental Biodegradation	59 days	Dissolv. Organic Carbon Deplet	>99.95 %removal of DOC	OECD 303A - Simulated Aerobic

CHLORIDE						
DIDECYLDIMETHYLAMMONIUM CHLORIDE	7173-51-5	Experimental Hydrolysis		Hydrolytic half-life (pH 7)	>1 years (t 1/2)	EC C.7 Hydrolysis at pH
DIDECYLDIMETHYLAMMONIUM 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
DIDECYLDIMETHYLAMMONIUM CHLORIDE	7173-51-5	Experimental BCF - Fish	60 days	Bioaccumulation factor	180	OECD305-Bioconcentration
DIDECYLDIMETHYLAMMONIUM 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 Classs/Division Not applicable
Subsidiary Risk Not applicable
Packing Group: Not applicable

Marine Transport (IMDG)
UN No Not applicable
Proper Shipping Name Not applicable
Hazard Classs/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
Not applicable

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 11: Target Organs - Repeated Table information was modified.

DISCLAIMER: The information in this Safety Data Sheet (SDS) 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 SDS or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own evaluation to satisfy themselves as to the suitability of the product for their own intended applications. In addition, this SDS is being provided to convey health and safety information. If you are the importer of record of this product into India, you are responsible to comply with all applicable regulatory requirements, including, but not limited to, product registrations/notifications, substance volume tracking, and potential substance registration/notification.

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