



Safety Data Sheet

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SECTION 1: Identification

1.1. Product identifier

Scotch-Brite(R) Disposable Toilet Scrubber Cleaning System and Refills (Cat. No. 558-SK, 558-RF)

Product Identification Numbers

70-0052-7872-9, 70-0052-7873-7, 70-0052-9299-3, 70-0052-9300-9, 70-0068-4349-7, 70-0068-4350-5, 70-0068-4916-3, 70-0070-0946-0

7100095106, 7100095108, 7100114680, 7100138090, 7010409275, 7100103266, 7100103298, 7100114237

1.2. Recommended use and restrictions on use

Recommended use

Consumer product for cleaning household toilets.

1.3. Supplier's details

MANUFACTURER:	3M
DIVISION:	Home Care Division
ADDRESS:	3M Center, St. Paul, MN 55144-1000, USA
Telephone:	1-888-3M HELPS (1-888-364-3577)

1.4. Emergency telephone number

1-800-364-3577 or (651) 737-6501 (24 hours)

SECTION 2: Hazard identification

2.1. Hazard classification

Serious Eye Damage/Irritation: Category 2A.

Skin Corrosion/Irritation: Category 2.

Reproductive Toxicity: Category 2.

2.2. Label elements

Signal word

Warning

Symbols

Exclamation mark | Health Hazard |

Pictograms**Hazard Statements**

Causes serious eye irritation.

Causes skin irritation.

Suspected of damaging fertility or the unborn child.

Precautionary Statements**Prevention:**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wear protective gloves and eye/face protection.

Wash thoroughly after handling.

Response:

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

If eye irritation persists: Get medical advice/attention.

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

IF exposed or concerned: Get medical advice/attention.

Storage:

Store locked up.

Disposal:

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

9% of the mixture consists of ingredients of unknown acute oral toxicity.

16% of the mixture consists of ingredients of unknown acute dermal toxicity.

SECTION 3: Composition/information on ingredients

Ingredient	C.A.S. No.	% by Wt
Non-woven scrubbing pad	None	30 - 60
PUMICE	1332-09-8	10 - 30
TRIETHANOLAMINE DODECYLBENZOSULFONATE	27323-41-7	7 - 13 Trade Secret *
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	68081-81-2	5 - 10 Trade Secret *
HYDROXYACETIC ACID	79-14-1	5 - 10 Trade Secret *
HYDROCINNAMALDEHYDE, P-TERT- BUTYL-.ALPHA.-METHYL-	80-54-6	0.1 - 1

*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

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:

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

Eye Contact:

Immediately flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. 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

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

No special protective actions for fire-fighters are anticipated.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Ventilate the area with fresh air. 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

Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after

handling. Avoid release to the environment. Use personal protective equipment (gloves, respirators, etc.) as required.

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 SDS.

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/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Indirect Vented Goggles

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: Butyl Rubber

Neoprene

Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapors and particulates

For questions about suitability for a specific application, consult with your respirator manufacturer.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state

Solid

Color

Blue

Odor

Fresh Odor

Odor threshold

No Data Available

pH

Not Applicable

Melting point	<i>Not Applicable</i>
Boiling Point	<i>Not Applicable</i>
Flash Point	<i>Not Applicable</i>
Evaporation rate	<i>Not Applicable</i>
Flammability (solid, gas)	Not Classified
Flammable Limits(LEL)	<i>Not Applicable</i>
Flammable Limits(UEL)	<i>Not Applicable</i>
Vapor Pressure	<i>Not Applicable</i>
Vapor Density	<i>Not Applicable</i>
Specific Gravity	<i>No Data Available</i>
Solubility In Water	<i>No Data Available</i>
Solubility- non-water	<i>No Data Available</i>
Partition coefficient: n-octanol/ water	<i>Not Applicable</i>
Autoignition temperature	<i>No Data Available</i>
Decomposition temperature	<i>No Data Available</i>
Viscosity	<i>Not Applicable</i>
Percent volatile	<i>Not Applicable</i>

SECTION 10: Stability and reactivity

10.1. Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Bleach

10.6. Hazardous decomposition products

<u>Substance</u>	<u>Condition</u>
Carbon monoxide	Not Specified
Carbon dioxide	Not Specified

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 labeling, 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:

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

Eye Contact:

Severe Eye Irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

Ingestion:

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

May cause additional health effects (see below).

Additional Health Effects:

Reproductive/Developmental Toxicity:

Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

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
PUMICE	Dermal	Rabbit	LD50 > 5,000 mg/kg
PUMICE	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 0.691 mg/l
PUMICE	Ingestion	Rat	LD50 > 5,110 mg/kg
TRIETHANOLAMINE DODECYLBENZOSULFONATE	Dermal	Rabbit	LD50 > 4,199 mg/kg
TRIETHANOLAMINE DODECYLBENZOSULFONATE	Ingestion	Rat	LD50 1,653 mg/kg
HYDROXYACETIC ACID	Inhalation-Dust/Mist (4 hours)	Rat	LC50 2.5 mg/l
HYDROXYACETIC ACID	Ingestion	Rat	LD50 2,040 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
PUMICE	Rabbit	No significant irritation
TRIETHANOLAMINE DODECYLBENZOSULFONATE	Rabbit	Irritant
HYDROXYACETIC ACID	Rabbit	Corrosive

Serious Eye Damage/Irritation

Name	Species	Value
PUMICE	Rabbit	No significant irritation
TRIETHANOLAMINE DODECYLBENZOSULFONATE	Professional judgement	Severe irritant

	nt	
HYDROXYACETIC ACID	Rabbit	Corrosive

Skin Sensitization

Name	Species	Value
PUMICE	Human and animal	Not classified
HYDROXYACETIC ACID	Guinea pig	Not classified

Respiratory Sensitization

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

Germ Cell Mutagenicity

Name	Route	Value
PUMICE	In Vitro	Not mutagenic
HYDROXYACETIC ACID	In Vitro	Not mutagenic
HYDROXYACETIC ACID	In vivo	Not mutagenic

Carcinogenicity

Name	Route	Species	Value
PUMICE	Not Specified	Mouse	Some positive data exist, but the data are not sufficient for classification
TRIETHANOLAMINE DODECYLBENZOSULFONATE	Dermal	Mouse	Not carcinogenic

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

Name	Route	Value	Species	Test Result	Exposure Duration
PUMICE	Ingestion	Not classified for female reproduction	Rat	NOAEL 509 mg/kg/day	1 generation
PUMICE	Ingestion	Not classified for male reproduction	Rat	NOAEL 497 mg/kg/day	1 generation
PUMICE	Ingestion	Not classified for development	Rat	NOAEL 1,350 mg/kg/day	during organogenesis
TRIETHANOLAMINE DODECYLBENZOSULFONATE	Dermal	Not classified for male reproduction	Rat	NOAEL 1.5 mg/kg/day	1 generation
TRIETHANOLAMINE DODECYLBENZOSULFONATE	Dermal	Not classified for development	Rat	NOAEL 10 mg/kg/day	during organogenesis
HYDROXYACETIC ACID	Ingestion	Not classified for development	Rat	NOAEL 150 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
TRIETHANOLAMINE DODECYLBENZOSULFONATE	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		NOAEL NA	

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
PUMICE	Inhalation	respiratory system silicosis	Not classified	Human	NOAEL Not available	occupational exposure
TRIETHANOLAMINE	Dermal	hematopoietic	Not classified	Rabbit	NOAEL 5	13 weeks

DODECYLBENZOSULFONATE		system			mg/kg/day	
HYDROXYACETIC ACID	Inhalation	heart hematopoietic system liver immune system kidney and/or bladder respiratory system	Not classified	Rat	NOAEL 1.4 mg/l	2 weeks
HYDROXYACETIC ACID	Ingestion	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 400 mg/kg/day	248 days
HYDROXYACETIC ACID	Ingestion	hematopoietic system	Not classified	Rat	NOAEL 600 mg/kg/day	90 days
HYDROXYACETIC ACID	Ingestion	liver	Not classified	Other	LOAEL 97 mg/kg/day	59 days
HYDROXYACETIC ACID	Ingestion	muscles nervous system	Not classified	Rat	NOAEL 600 mg/kg/day	90 days
HYDROXYACETIC ACID	Ingestion	respiratory system	Not classified	Dog	NOAEL 500 mg/kg/day	119 days

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**Ecotoxicological information**

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

Chemical fate information

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

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

For Transport Information, please visit <http://3M.com/Transportinfo> or call 1-800-364-3577 or 651-737-6501.

SECTION 15: Regulatory information

15.1. US Federal Regulations

Contact 3M for more information.

EPCRA 311/312 Hazard Classifications:**Physical Hazards**

Not applicable

Health Hazards

Reproductive toxicity

Serious eye damage or eye irritation

Skin Corrosion or Irritation

15.2. State Regulations

Contact 3M for more information.

15.3. Chemical Inventories

The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

Contact 3M for more information.

15.4. International Regulations

Contact 3M for more information.

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16: Other information**NFPA Hazard Classification**

Health: 2 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.

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