



Safety Data Sheet

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SECTION 1: Identification

1.1. Product identifier

3M™ Floor Stripper

Product Identification Numbers

61-5000-3758-7, 70-0716-8280-4
7000045889, 7100077221

1.2. Recommended use and restrictions on use

Recommended use

Low-foaming, easy-rinsing floor stripper designed to aggressively remove finishes and sealers; including finishes hardened by frequent burnishing, excess finish build-up and tough metal interlock finishes., Hard Floor Maintenance

1.3. Supplier's details

MANUFACTURER:	3M
DIVISION:	Commercial Solutions 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 1.
Skin Corrosion/Irritation: Category 1C.

2.2. Label elements

Signal word

Danger

Symbols

Corrosion |

Pictograms



Hazard Statements

Causes severe skin burns and eye damage.

Precautionary Statements

Prevention:

Do not breathe dust/fume/gas/mist/vapors/spray.

Wear protective gloves, protective clothing, and eye/face protection.

Wash thoroughly after handling.

Response:

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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

Continue rinsing.

Immediately call a POISON CENTER or doctor/physician.

Wash contaminated clothing before reuse.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Specific treatment (see Notes to Physician on this label).

Storage:

Store locked up.

Disposal:

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

2.3. Hazards not otherwise classified

May cause chemical gastrointestinal burns.

4% of the mixture consists of ingredients of unknown acute oral toxicity.

4% of the mixture consists of ingredients of unknown acute dermal toxicity.

1% of the mixture consists of ingredients of unknown acute inhalation toxicity.

SECTION 3: Composition/information on ingredients

Ingredient	C.A.S. No.	% by Wt
Water	7732-18-5	60 - 90 Trade Secret *
Butoxyethanol	111-76-2	7 - 13 Trade Secret *
Ethanolamine	141-43-5	1 - 5 Trade Secret *
Sodium Hydroxide	1310-73-2	1 - 5 Trade Secret *
Sodium Metasilicate	6834-92-0	1 - 5 Trade Secret *
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	68081-81-2	< 2 Trade Secret *
Sodium Xylene Sulfonate	1300-72-7	< 2 Trade Secret *
PHOSPHATE ESTER POTASSIUM SALT	Trade Secret*	< 2 Trade Secret *
Acrylic Acid Homopolymer	9003-01-4	< 0.5 Trade Secret *
C12-14 Alcohols Ethoxylated Propoxylated	68439-51-0	<= 0.5 Trade Secret *
DIPOTASSIUM PHOSPHATE	7758-11-4	< 0.5 Trade Secret *

Tetrasodium EDTA	64-02-8	< 0.5 Trade Secret *
Diethylene ether	123-91-1	<= 0.0015 Trade Secret *

*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 flush with large amounts of water for at least 15 minutes. Remove contaminated clothing. Get immediate medical attention. Wash clothing before reuse.

Eye Contact:

Immediately flush with large amounts of water for at least 15 minutes. Remove contact lenses if easy to do. Continue rinsing. Immediately get medical attention.

If Swallowed:

Rinse mouth. Do not induce vomiting. Get immediate medical attention.

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

Skin burns (localized redness, swelling, itching, intense pain, blistering, and tissue destruction). Serious damage to the eyes (corneal cloudiness, severe pain, tearing, ulcerations, and significantly impaired or loss of vision).

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

Not applicable.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Material will not burn. Use a fire fighting agent suitable for the surrounding fire.

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

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. 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. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment and cleaning up

Contain spill. For large spills, if necessary, get assistance from professional spill clean up team. For small spills, carefully neutralize spill by adding appropriate dilute acid such as vinegar. Work slowly to avoid boiling or spattering. Continue to add neutralizing agent until reaction stops. Let cool before collecting. Or use a commercially available caustic (alkaline or basic) spill clean-up kit. Follow kit directions exactly. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a metal container approved for use in transportation by appropriate authorities. The container must be lined with polyethylene plastic or contain a plastic drum liner made of polyethylene. Clean up residue with water. Cover, but do not seal for 48 hours. 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 breathe 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. Wash contaminated clothing before reuse. Keep away from reactive metals (eg. Aluminum, zinc etc.) to avoid the formation of hydrogen gas that could create an explosion hazard.

7.2. Conditions for safe storage including any incompatibilities

Store away from acids.

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	C.A.S. No.	Agency	Limit type	Additional Comments
Butoxyethanol	111-76-2	ACGIH	TWA:20 ppm	A3: Confirmed animal carcin.
Butoxyethanol	111-76-2	OSHA	TWA:240 mg/m3(50 ppm)	SKIN
Diethylene ether	123-91-1	ACGIH	TWA:20 ppm	A3: Confirmed animal carcin., Danger of cutaneous absorption
Diethylene ether	123-91-1	OSHA	TWA:360 mg/m3(100 ppm)	SKIN
Sodium Hydroxide	1310-73-2	ACGIH	CEIL:2 mg/m3	
Sodium Hydroxide	1310-73-2	OSHA	TWA:2 mg/m3	
Ethanolamine	141-43-5	ACGIH	TWA:3 ppm;STEL:6 ppm	
Ethanolamine	141-43-5	OSHA	TWA:6 mg/m3(3 ppm)	

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

OSHA : United States Department of Labor - Occupational Safety and Health Administration

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

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:

Full Face Shield
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. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity. Gloves made from the following material(s) are recommended: Polymer laminate

If this product is used in a manner that presents a higher potential for exposure (eg. spraying, high splash potential etc.), then use of protective coveralls may be necessary. Select and use body protection to prevent contact based on the results of an exposure assessment. The following protective clothing material(s) are recommended: Apron - polymer laminate

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
Color

Liquid
Yellow

Specific Physical Form:

Odor

Liquid
Solvent

Odor threshold

No Data Available

pH

12.4 - 14

Melting point

Not Applicable

Boiling Point

> 212 °F

Flash Point

No flash point

Evaporation rate

Not Applicable

Flammability (solid, gas)

Not Applicable

Flammable Limits(LEL)

Not Applicable

Flammable Limits(UEL)

Not Applicable

Vapor Pressure

Not Applicable

Vapor Density

Not Applicable

Density

No Data Available

Specific Gravity	1.053 - 1.063 [Ref Std: WATER=1]
Solubility in Water	Complete
Solubility- non-water	No Data Available
Partition coefficient: n-octanol/ water	Not Applicable
Autoignition temperature	Not Applicable
Decomposition temperature	No Data Available
Viscosity	< 100 centipoise
Average particle size	Not Applicable
Bulk density	Not Applicable
Hazardous Air Pollutants	Not Applicable
Volatile Organic Compounds	10 - 15 % weight
Percent volatile	60 - 90
VOC Less H2O & Exempt Solvents	600 - 650 g/l

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

Strong acids

10.6. Hazardous decomposition products

Substance

Condition

None known.

Refer to section 5.2 for hazardous decomposition products during combustion.

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:

Corrosive (Skin Burns): Signs/symptoms may include localized redness, swelling, itching, intense pain, blistering, ulceration, and tissue destruction.

Eye Contact:

Corrosive (Eye Burns): Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

Ingestion:

Gastrointestinal Corrosion: Signs/symptoms may include severe mouth, throat and abdominal pain; nausea; vomiting; and diarrhea; blood in the feces and/or vomitus may also be seen.

Carcinogenicity:

Ingredient	CAS No.	Class Description	Regulation
1,4-Dioxane	123-91-1	Grp. 2B: Possible human carc.	International Agency for Research on Cancer
1,4-Dioxane	123-91-1	Anticipated human carcinogen	National Toxicology Program Carcinogens

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	Inhalation-Vapor(4 hr)		No data available; calculated ATE >50 mg/l
Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
Butoxyethanol	Dermal	Guinea pig	LD50 > 2,000 mg/kg
Butoxyethanol	Inhalation-Vapor (4 hours)	Guinea pig	LC50 > 2.6 mg/l
Butoxyethanol	Ingestion	Guinea pig	LD50 1,200 mg/kg
Sodium Metasilicate	Dermal	Rabbit	LD50 > 4,640 mg/kg
Sodium Metasilicate	Ingestion	Rat	LD50 500 mg/kg
Ethanolamine	Inhalation-Vapor	official classification	LC50 estimated to be 10 - 20 mg/l
Ethanolamine	Dermal	Rabbit	LD50 2,504 mg/kg
Ethanolamine	Ingestion	Rat	LD50 1,089 mg/kg
Sodium Xylene Sulfonate	Dermal	Rabbit	LD50 > 2,000 mg/kg
Sodium Xylene Sulfonate	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 6.4 mg/l
Sodium Xylene Sulfonate	Ingestion	Rat	LD50 7,200 mg/kg
Acrylic Acid Homopolymer	Dermal	Rabbit	LD50 > 3,000 mg/kg
Acrylic Acid Homopolymer	Ingestion	Rat	LD50 > 2,500 mg/kg
Tetrasodium EDTA	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 1.5 mg/l
Tetrasodium EDTA	Ingestion	Rat	LD50 1,658 mg/kg
DIPOTASSIUM PHOSPHATE	Dermal	Rabbit	LD50 estimated to be > 5,000 mg/kg
DIPOTASSIUM PHOSPHATE	Ingestion	Rat	LD50 > 2,000 mg/kg
Diethylene ether	Dermal	Rabbit	LD50 7,600 mg/kg
Diethylene ether	Inhalation-Vapor (4 hours)	Rat	LC50 51.3 mg/l
Diethylene ether	Ingestion	Rat	LD50 5,170 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Butoxyethanol	Rabbit	Irritant
Sodium Metasilicate	Rabbit	Corrosive
Ethanolamine	Rabbit	Corrosive
Sodium Hydroxide	Rabbit	Corrosive
Sodium Xylene Sulfonate	Rabbit	Minimal irritation
Tetrasodium EDTA	Rabbit	No significant irritation
Diethylene ether	Rabbit	Minimal irritation

Serious Eye Damage/Irritation

Name	Species	Value
Butoxyethanol	Rabbit	Severe irritant
Sodium Metasilicate	Rabbit	Corrosive
Ethanolamine	Rabbit	Corrosive
Sodium Hydroxide	Rabbit	Corrosive
Sodium Xylene Sulfonate	Rabbit	Moderate irritant
Tetrasodium EDTA	Rabbit	Corrosive
Diethylene ether	Rabbit	Severe irritant

Skin Sensitization

Name	Species	Value
Butoxyethanol	Guinea pig	Not classified
Sodium Metasilicate	Mouse	Not classified
Ethanolamine	Guinea pig	Not classified
Sodium Hydroxide	Human	Not classified
Sodium Xylene Sulfonate	Guinea pig	Not classified
Tetrasodium EDTA	Human and animal	Not classified
Diethylene ether	Human	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
Butoxyethanol	In Vitro	Some positive data exist, but the data are not sufficient for classification
Sodium Metasilicate	In Vitro	Not mutagenic
Sodium Metasilicate	In vivo	Not mutagenic
Ethanolamine	In Vitro	Not mutagenic
Ethanolamine	In vivo	Not mutagenic
Sodium Hydroxide	In Vitro	Not mutagenic
Sodium Xylene Sulfonate	In Vitro	Not mutagenic
Tetrasodium EDTA	In Vitro	Some positive data exist, but the data are not sufficient for classification
Tetrasodium EDTA	In vivo	Some positive data exist, but the data are not sufficient for classification
Diethylene ether	In Vitro	Not mutagenic
Diethylene ether	In vivo	Some positive data exist, but the data are not sufficient for classification

Carcinogenicity

Name	Route	Species	Value
Butoxyethanol	Inhalation	Multiple animal species	Some positive data exist, but the data are not sufficient for classification
Sodium Xylene Sulfonate	Dermal	Multiple animal species	Not carcinogenic
Tetrasodium EDTA	Ingestion	Multiple animal species	Not carcinogenic
Diethylene ether	Ingestion	Multiple animal species	Carcinogenic

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test Result	Exposure Duration
Butoxyethanol	Dermal	Not classified for development	Rat	NOAEL 1,760 mg/kg/day	during gestation
Butoxyethanol	Ingestion	Not classified for development	Rat	NOAEL 100 mg/kg/day	during organogenesis
Butoxyethanol	Inhalation	Not classified for development	Multiple animal species	NOAEL 0.48 mg/l	during organogenesis
Sodium Metasilicate	Ingestion	Not classified for development	Mouse	NOAEL 200 mg/kg/day	during gestation
Ethanolamine	Dermal	Not classified for development	Rat	NOAEL 225 mg/kg/day	during organogenesis
Ethanolamine	Ingestion	Not classified for development	Rat	NOAEL 616 mg/kg/day	during organogenesis
Sodium Xylene Sulfonate	Ingestion	Not classified for development	Rabbit	NOAEL 1,000 mg/kg/day	during gestation
Tetrasodium EDTA	Ingestion	Not classified for female reproduction	Rat	NOAEL 250 mg/kg/day	4 generation
Tetrasodium EDTA	Ingestion	Not classified for male reproduction	Rat	NOAEL 250 mg/kg/day	4 generation
Tetrasodium EDTA	Ingestion	Not classified for development	Rat	LOAEL 1,000 mg/kg/day	during gestation
Diethylene ether	Ingestion	Not classified for development	Rat	NOAEL 1,033 mg/kg/day	during organogenesis

Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
Butoxyethanol	Dermal	endocrine system	Not classified	Rabbit	NOAEL 902 mg/kg	6 hours
Butoxyethanol	Dermal	liver	Not classified	Rabbit	LOAEL 72 mg/kg	not available
Butoxyethanol	Dermal	kidney and/or bladder	Not classified	Rabbit	LOAEL 451 mg/kg	6 hours
Butoxyethanol	Dermal	blood	Not classified	Multiple animal species	NOAEL Not available	
Butoxyethanol	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human	NOAEL Not available	
Butoxyethanol	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for	Human	NOAEL Not available	

			classification			
Butoxyethanol	Inhalation	blood	Not classified	Multiple animal species	NOAEL Not available	
Butoxyethanol	Ingestion	central nervous system depression	May cause drowsiness or dizziness	Professional judgement	NOAEL Not available	
Butoxyethanol	Ingestion	blood	Not classified	Multiple animal species	NOAEL Not available	
Butoxyethanol	Ingestion	kidney and/or bladder	Not classified	Human	NOAEL Not available	poisoning and/or abuse
Sodium Metasilicate	Inhalation	respiratory irritation	May cause respiratory irritation	official classification	NOAEL Not available	
Ethanolamine	Inhalation	respiratory irritation	May cause respiratory irritation	Human and animal	NOAEL Not available	
Sodium Hydroxide	Inhalation	respiratory irritation	May cause respiratory irritation	Human	NOAEL Not available	
Sodium Xylene Sulfonate	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL not available	
Tetrasodium EDTA	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	Irritation Positive	
Diethylene ether	Dermal	central nervous system depression	May cause drowsiness or dizziness	Multiple animal species	NOAEL Not available	not available
Diethylene ether	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human	NOAEL Not available	2 hours
Diethylene ether	Inhalation	respiratory irritation	May cause respiratory irritation	Human and animal	NOAEL Not available	
Diethylene ether	Inhalation	liver kidney and/or bladder	Not classified	Human and animal	NOAEL Not available	
Diethylene ether	Ingestion	liver	Not classified	Rat	NOAEL 1,000 mg/kg	not applicable

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
Butoxyethanol	Dermal	blood	Not classified	Multiple animal species	NOAEL Not available	not available
Butoxyethanol	Dermal	endocrine system	Not classified	Rabbit	NOAEL 150 mg/kg/day	90 days
Butoxyethanol	Inhalation	liver	Not classified	Rat	NOAEL 2.4 mg/l	14 weeks
Butoxyethanol	Inhalation	kidney and/or bladder	Not classified	Rat	NOAEL 0.15 mg/l	14 weeks
Butoxyethanol	Inhalation	blood	Not classified	Rat	LOAEL 0.15 mg/l	6 months
Butoxyethanol	Inhalation	endocrine system	Not classified	Dog	LOAEL 1.9 mg/l	8 days
Butoxyethanol	Ingestion	blood	Not classified	Rat	LOAEL 69 mg/kg/day	13 weeks
Butoxyethanol	Ingestion	kidney and/or bladder	Not classified	Multiple animal species	NOAEL Not available	not available
Sodium Metasilicate	Ingestion	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Dog	LOAEL 2,400 mg/kg/day	4 weeks
Sodium Metasilicate	Ingestion	endocrine system blood	Not classified	Rat	NOAEL 804 mg/kg/day	3 months

Sodium Metasilicate	Ingestion	heart liver	Not classified	Rat	NOAEL 1,259 mg/kg/day	8 weeks
Ethanolamine	Inhalation	liver kidney and/or bladder respiratory system	Not classified	Multiple animal species	NOAEL 0.656 mg/l	5 weeks
Ethanolamine	Ingestion	hematopoietic system liver kidney and/or bladder respiratory system	Not classified	Rat	NOAEL Not available	
Sodium Xylene Sulfonate	Dermal	liver heart skin endocrine system gastrointestinal tract bone, teeth, nails, and/or hair hematopoietic system immune system nervous system kidney and/or bladder respiratory system	Not classified	Rat	NOAEL 500 mg/kg/day	14 weeks
Sodium Xylene Sulfonate	Ingestion	hematopoietic system	Not classified	Rat	NOAEL 763 mg/kg/day	90 days
Tetrasodium EDTA	Inhalation	respiratory system	Causes damage to organs through prolonged or repeated exposure	Rat	NOAEL 3 mg/m3	13 weeks
Tetrasodium EDTA	Inhalation	liver heart skin endocrine system gastrointestinal tract bone, teeth, nails, and/or hair hematopoietic system immune system muscles nervous system eyes kidney and/or bladder vascular system	Not classified	Rat	NOAEL 15 mg/m3	13 weeks
Tetrasodium EDTA	Ingestion	hematopoietic system liver	Not classified	Rat	NOAEL 2,500 mg/kg/day	13 weeks
Tetrasodium EDTA	Ingestion	heart gastrointestinal tract muscles kidney and/or bladder respiratory system	Not classified	Rat	NOAEL 5,000 mg/kg/day	13 weeks
Diethylene ether	Dermal	liver kidney and/or bladder	Not classified	Multiple animal species	NOAEL Not available	14 weeks
Diethylene ether	Inhalation	liver kidney and/or bladder	May cause damage to organs though prolonged or repeated exposure	Multiple animal species	LOAEL 3.6 mg/l	3 weeks
Diethylene ether	Inhalation	nervous system	Not classified	Rat	NOAEL 10.8 mg/l	2 weeks
Diethylene ether	Inhalation	heart endocrine system hematopoietic system immune system	Not classified	Rat	NOAEL 0.4 mg/l	2 years
Diethylene ether	Ingestion	liver kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 9.6 mg/kg/day	2 years
Diethylene ether	Ingestion	hematopoietic system	Not classified	Multiple animal species	NOAEL Not available	13 weeks
Diethylene ether	Ingestion	heart	Not classified	Rat	NOAEL 1,599 mg/kg/day	2 years

Diethylene ether	Ingestion	endocrine system immune system	Not classified	Multiple animal species	NOAEL 2,000 mg/kg/day	13 weeks
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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.

Dispose of waste product in a permitted industrial waste 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.

EPA Hazardous Waste Number (RCRA): D002 (Corrosive)

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
Hazard Not Otherwise Classified (HNOC)
Serious eye damage or eye irritation
Skin Corrosion or Irritation

Section 313 Toxic Chemicals subject to the reporting requirements of that section and 40 CFR part 372 (EPCRA):

Ingredient

Butoxyethanol (GLYCOL ETHERS)

C.A.S. No

111-76-2

% by Wt

Trade Secret 7 - 13

15.2. State Regulations

Contact 3M for more information.

15.3. Chemical Inventories

The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information.

The components of this product are in compliance with the new substance notification requirements of CEPA.

The components of this material are in compliance with the China "Measures on Environmental Management of New Chemical Substance". Certain restrictions may apply. Contact the selling division for additional information.

The components of this material are in compliance with the provisions of the Korean Toxic Chemical Control Law. Certain restrictions may apply. Contact the selling division for additional information.

The components of this material are in compliance with the provisions of Japan Chemical Substance Control Law. Certain restrictions may apply. Contact the selling division for additional information.

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: 3 **Flammability:** 0 **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.

HMIS Hazard Classification

Health: 3 **Flammability:** 0 **Physical Hazard:** 0 **Personal Protection:** X - See PPE section.

Hazardous Material Identification System (HMIS® IV) hazard ratings are designed to inform employees of chemical hazards in the workplace. These ratings are based on the inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations. HMIS® IV ratings are to be used with a fully implemented HMIS® IV program. HMIS® is a registered mark of the American Coatings Association (ACA).

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