Safety Data Sheet

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SECTION 1: Identification

1.1. Product identifier
3M™ Deodorizer - Fresh Scent - Ready-to-Use (Product No. 13, 3M™ Chemical Management Systems)

Product Identification Numbers
LN-DCCX-127B-1, 61-0000-6307-5

1.2. Recommended use and restrictions on use

Recommended use
Deodorizer, Long-lasting deodorizer leaves a fresh, clean scent.

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
Skin Sensitizer: Category 1.

2.2. Label elements
Signal word
Warning

Symbols
Exclamation mark |

Pictograms

Hazard Statements
May cause an allergic skin reaction.

Precautionary Statements

Prevention:
Avoid breathing dust/fume/gas/mist/vapors/spray.
Wear protective gloves.
Contaminated work clothing must not be allowed out of the workplace.

Response:
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.

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

SECTION 3: Composition/information on ingredients

Ingredient	C.A.S. No.	% by Wt
WATER	7732-18-5	> 95 Trade Secret *
POLYALKOXY ALCOHOLS	69013-18-9	0.5 - 1.5 Trade Secret *
SORBITAN POLYETHOXY MONOLAURATE (POLYSORBATE 20)	9005-64-5	0.1 - 1 Trade Secret *
tERPENES AND tERPENOIDS, SWEET ORANGE-OIL	68647-72-3	0.01 - 1 Trade Secret *
FRAGRANCE (NJTSN 04499600-6517)	Trade Secret*	0.01 - 1
2-PHENOXYETHANOL	122-99-6	0.01 - 1 Trade Secret *
TERPINOLENE	586-62-9	0.001 - 0.05 Trade Secret *

NJTS or NJTSRN: New Jersey Trade Secret Registry Number.

*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:
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
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
Material will not burn. Non-combustible. Use a fire fighting agent suitable for surrounding fire.

5.2. Special hazards arising from the substance or mixture
None inherent in this product.

Hazardous Decomposition or By-Products

Substance	Condition
Carbon monoxide	During Combustion
Carbon dioxide	During Combustion
Oxides of Nitrogen	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. 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
Contain spill. 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 closed container approved for transportation by appropriate authorities. Clean up residue with water. 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
For industrial or professional use only. NOTE: The above precautionary information presumes that this ready-to-use product has been diluted and dispensed from a chemical dispensing system. Keep out of reach of children. 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. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse.

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:
Safety Glasses with side shields

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

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 – Nitrile

Respiratory protection
None required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

General Physical Form:	Liquid
Specific Physical Form:	Liquid
Odor, Color, Grade:	Clear; blue color; fresh, clean fragrance.
Odor threshold	*No Data Available*
pH	6.5 - 7.5
Melting point	*Not Applicable*
Boiling Point	212 ºF
Flash Point	No flash point
Evaporation rate	1 [*Ref Std:*WATER=1]

Flammability (solid, gas)	Not Applicable
Flammable Limits(LEL)	*Not Applicable*
Flammable Limits(UEL)	*Not Applicable*
Vapor Pressure	*No Data Available*
Vapor Density	*No Data Available*
Density	1 g/ml [*Ref Std:*WATER=1]
Specific Gravity	1 [*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
Hazardous Air Pollutants	*Not Applicable*
Volatile Organic Compounds	0 % weight [*Test Method:*calculated per CARB title 2]
Percent volatile	> 95 %
VOC Less H2O & Exempt Solvents	0 g/l [*Test Method:*calculated per CARB title 2]

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 polymerization will not occur.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
None known.

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:
No known health effects.

Skin Contact:
Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

Eye Contact:
Contact with the eyes during product use is not expected to result in significant irritation.

Ingestion:
No known health effects.

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
SORBITAN POLYETHOXY MONOLAURATE (POLYSORBATE 20)	Dermal		LD50 estimated to be > 5,000 mg/kg
SORBITAN POLYETHOXY MONOLAURATE (POLYSORBATE 20)	Ingestion	Rat	LD50 40,600 mg/kg
tERPENES AND tERPENOIDS, SWEET ORANGE-OIL	Inhalation-Vapor (4 hours)	Mouse	LC50 > 3.14 mg/l
FRAGRANCE (NJTSN 04499600-6517)	Dermal	Rabbit	LD50 > 5,010 mg/kg
tERPENES AND tERPENOIDS, SWEET ORANGE-OIL	Dermal	Rabbit	LD50 > 5,000 mg/kg
FRAGRANCE (NJTSN 04499600-6517)	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 2.34 mg/l
FRAGRANCE (NJTSN 04499600-6517)	Ingestion	Rat	LD50 > 5,010 mg/kg
tERPENES AND tERPENOIDS, SWEET ORANGE-OIL	Ingestion	Rat	LD50 4,400 mg/kg
2-PHENOXYETHANOL	Dermal	Rabbit	LD50 > 2,000 mg/kg
2-PHENOXYETHANOL	Inhalation-Dust/Mist	Rat	LC50 > 1.5 mg/l
2-PHENOXYETHANOL	Ingestion	Rat	LD50 1,260 mg/kg
TERPINOLENE	Inhalation-Vapor (4 hours)	Mouse	LC50 > 3.14 mg/l
TERPINOLENE	Dermal	Rabbit	LD50 > 5,000 mg/kg
TERPINOLENE	Ingestion	Rat	LD50 4,400 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
FRAGRANCE (NJTSN 04499600-6517)	Rabbit	No significant irritation
tERPENES AND tERPENOIDS, SWEET ORANGE-OIL	Rabbit	Mild irritant
2-PHENOXYETHANOL	Rabbit	No significant irritation
TERPINOLENE	Rabbit	Mild irritant

Serious Eye Damage/Irritation

Name	Species	Value
FRAGRANCE (NJTSN 04499600-6517)	Rabbit	No significant irritation
tERPENES AND tERPENOIDS, SWEET ORANGE-OIL	Rabbit	Mild irritant

2-PHENOXYETHANOL	Rabbit	Corrosive
TERPINOLENE	Rabbit	Mild irritant

Skin Sensitization

Name	Species	Value
FRAGRANCE (NJTSN 04499600-6517)	Guinea pig	Not classified
tERPENES AND tERPENOIDS, SWEET ORANGE-OIL	Mouse	Sensitizing
2-PHENOXYETHANOL	Guinea pig	Not classified
TERPINOLENE	Mouse	Sensitizing

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
FRAGRANCE (NJTSN 04499600-6517)	In Vitro	Not mutagenic
FRAGRANCE (NJTSN 04499600-6517)	In vivo	Not mutagenic
tERPENES AND tERPENOIDS, SWEET ORANGE-OIL	In Vitro	Not mutagenic
tERPENES AND tERPENOIDS, SWEET ORANGE-OIL	In vivo	Not mutagenic
TERPINOLENE	In Vitro	Not mutagenic
TERPINOLENE	In vivo	Not mutagenic

Carcinogenicity

Name	Route	Species	Value
FRAGRANCE (NJTSN 04499600-6517)	Ingestion	Multiple animal species	Not carcinogenic
tERPENES AND tERPENOIDS, SWEET ORANGE-OIL	Ingestion	Rat	Some positive data exist, but the data are not sufficient for classification
TERPINOLENE	Ingestion	Rat	Some positive data exist, but the data are not sufficient for classification

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test Result	Exposure Duration
FRAGRANCE (NJTSN 04499600-6517)	Ingestion	Not classified for development	Rat	NOAEL 5,000 mg/kg/day	during organogenesis
tERPENES AND tERPENOIDS, SWEET ORANGE-OIL	Ingestion	Not classified for female reproduction	Rat	NOAEL 750 mg/kg/day	premating & during gestation
tERPENES AND tERPENOIDS, SWEET ORANGE-OIL	Ingestion	Not classified for development	Multiple animal species	NOAEL 591 mg/kg/day	during organogenesis
TERPINOLENE	Ingestion	Not classified for female reproduction	Rat	NOAEL 750 mg/kg/day	premating & during gestation
TERPINOLENE	Ingestion	Not classified for development	Multiple animal species	NOAEL 591 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
tERPENES AND	Ingestion	nervous system	Not classified		NOAEL Not	

tERPENOIDS, SWEET ORANGE-OIL					available	
2-PHENOXYETHANOL	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL Not available	
TERPINOLENE	Ingestion	nervous system	Not classified		NOAEL Not available	

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
FRAGRANCE (NJTSN 04499600-6517)	Ingestion	respiratory system	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 470 mg/kg/day	105 weeks
FRAGRANCE (NJTSN 04499600-6517)	Ingestion	heart	Not classified	Rat	NOAEL 470 mg/kg/day	105 weeks
FRAGRANCE (NJTSN 04499600-6517)	Ingestion	endocrine system | liver	Not classified	Rat	NOAEL 3,040 mg/kg/day	105 weeks
FRAGRANCE (NJTSN 04499600-6517)	Ingestion	kidney and/or bladder	Not classified	Rat	NOAEL 115 mg/kg/day	105 weeks
FRAGRANCE (NJTSN 04499600-6517)	Ingestion	skin | bone, teeth, nails, and/or hair | hematopoietic system | immune system | nervous system | vascular system	Not classified	Rat	NOAEL 3,040 mg/kg/day	105 weeks
tERPENES AND tERPENOIDS, SWEET ORANGE-OIL	Ingestion	kidney and/or bladder	Not classified	Rat	LOAEL 75 mg/kg/day	103 weeks
tERPENES AND tERPENOIDS, SWEET ORANGE-OIL	Ingestion	liver	Not classified	Mouse	NOAEL 1,000 mg/kg/day	103 weeks
tERPENES AND tERPENOIDS, SWEET ORANGE-OIL	Ingestion	heart | endocrine system | bone, teeth, nails, and/or hair | hematopoietic system | immune system | muscles | nervous system | respiratory system	Not classified	Rat	NOAEL 600 mg/kg/day	103 weeks
TERPINOLENE	Ingestion	kidney and/or bladder	Not classified	Rat	LOAEL 75 mg/kg/day	103 weeks
TERPINOLENE	Ingestion	liver	Not classified	Mouse	NOAEL 1,000 mg/kg/day	103 weeks
TERPINOLENE	Ingestion	heart | endocrine system | bone, teeth, nails, and/or hair | hematopoietic system | immune system | muscles | nervous system | respiratory system	Not classified	Rat	NOAEL 600 mg/kg/day	103 weeks

Aspiration Hazard

Name	Value
tERPENES AND tERPENOIDS, SWEET ORANGE-OIL	Aspiration hazard
TERPINOLENE	Aspiration hazard

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

A 3M Product Environmental Data Sheet (PED) is available.

Chemical fate information

A 3M Product Environmental Data Sheet (PED) is available.

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): Not regulated

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

EPCRA 311/312 Hazard Classifications:

Physical Hazards
Not applicable

Health Hazards
Not applicable

15.2. State Regulations

15.3. Chemical Inventories
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 Philippines RA 6969 requirements. 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.

15.4. International Regulations

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:** 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: 2 **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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