Safety Data Sheet

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SECTION 1: Identification

1.1. Product identifier
3M™ Deodorizer - Country Day Scent - Ready-to-Use (Product No. 12, Twist 'n Fill™ System)

Product Identification Numbers
LN-DCCX-RTU1-2, 61-0000-6306-7

1.2. Recommended use and restrictions on use
Recommended use
Deodorizer

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
Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

2.2. Label elements
Signal word
Not applicable.

Symbols
Not applicable.

Pictograms
Not applicable.

2.3. Hazards not otherwise classified
None.

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	0.1 - 1 Trade Secret *
SORBITAN POLYETHOXY MONOLAURATE (POLYSORBATE 20)	9005-64-5	0.1 - 1 Trade Secret *
Fragrance (NJTSN 004499600-6516)	Trade Secret*	0.1 - 1 Trade Secret *
1-Methoxy-2-Propanol	107-98-2	< 0.1 Trade Secret *
DIETHYL PHTHALATE	84-66-2	< 0.1 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:
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
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. 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.

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
Ventilate the area with fresh air.

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.

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 mist/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

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

Ingredient	C.A.S. No.	Agency	Limit type	Additional Comments
1-Methoxy-2-Propanol	107-98-2	ACGIH	TWA:50 ppm;STEL:100 ppm	
DIETHYL PHTHALATE	84-66-2	ACGIH	TWA:5 mg/m3	

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

8.2.2. Personal protective equipment (PPE)
Eye/face protection
Under normal use conditions, eye exposure is not expected to be significant enough to require eye protection.

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. Under normal use conditions, skin exposure is not expected to be significant enough to require skin protection. Gloves made from the following material(s) are recommended:
Nitrile Rubber

Respiratory protection
Under normal use conditions, airborne exposures are not expected to be significant enough to require 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

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

General Physical Form:	Liquid
Specific Physical Form:	Liquid
Odor, Color, Grade:	Clear; pink color; light floral fragrance.
Odor threshold	*No Data Available*
pH	6 - 8
Boiling Point	> 212 ºF
Flash Point	No flash point
Evaporation rate	1 [*Ref Std:* WATER=1]
Flammability (solid, gas)	Not Applicable
Density	1 g/ml [*Ref Std:* WATER=1]
Specific Gravity	Approximately 1 [*Ref Std:* WATER=1]
Solubility in Water	Complete
Solubility- non-water	*No Data Available*
Decomposition temperature	*No Data Available*
Viscosity	< 100 centipoise
Volatile Organic Compounds	< 0.1 % weight [*Test Method:* calculated per CARB title 2]
Percent volatile	> 95 % weight
VOC Less H2O & Exempt Solvents	50 - 60 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.	

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

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

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

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
SORBITAN POLYETHOXY MONOLAURATE (POLYSORBATE 20)	Ingestion	Rat	LD50 40,600 mg/kg
Fragrance (NJTSN 004499600-6516)	Dermal	Rabbit	LD50 > 5,000 mg/kg
Fragrance (NJTSN 004499600-6516)	Ingestion	Rat	LD50 3,600 mg/kg
1-Methoxy-2-Propanol	Dermal	Rabbit	LD50 11,000-13,800 mg/kg
1-Methoxy-2-Propanol	Inhalation-Vapor (4 hours)	Rat	LC50 56 mg/l
1-Methoxy-2-Propanol	Ingestion	Rat	LD50 6,100 mg/kg
DIETHYL PHTHALATE	Dermal	Rat	LD50 11,200 mg/kg
DIETHYL PHTHALATE	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 6.9 mg/l
DIETHYL PHTHALATE	Ingestion	Rat	LD50 8,200 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
1-Methoxy-2-Propanol	Not available	Minimal irritation
DIETHYL PHTHALATE	Rabbit	Minimal irritation

Serious Eye Damage/Irritation

Name	Species	Value
1-Methoxy-2-Propanol	Not available	Mild irritant
DIETHYL PHTHALATE	Rabbit	Mild irritant

Skin Sensitization

Name	Species	Value
1-Methoxy-2-Propanol	Guinea pig	Not sensitizing
DIETHYL PHTHALATE	Human	Not sensitizing

	and animal	

Respiratory Sensitization

Name	Species	Value

Germ Cell Mutagenicity

Name	Route	Value
1-Methoxy-2-Propanol	In Vitro	Not mutagenic
DIETHYL PHTHALATE	In Vitro	Some positive data exist, but the data are not sufficient for classification

Carcinogenicity

Name	Route	Species	Value
1-Methoxy-2-Propanol	Inhalation	Multiple animal species	Some positive data exist, but the data are not sufficient for classification
DIETHYL PHTHALATE	Dermal	Mouse	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
1-Methoxy-2-Propanol	Inhalation	Not toxic to male reproduction	Rat	NOAEL 11.0 mg/l	2 generation
1-Methoxy-2-Propanol	Ingestion	Some positive female reproductive data exist, but the data are not sufficient for classification	Mouse	NOAEL 3,328 mg/kg/day	2 generation
1-Methoxy-2-Propanol	Inhalation	Some positive female reproductive data exist, but the data are not sufficient for classification	Rat	NOAEL 3.7 mg/l	2 generation
1-Methoxy-2-Propanol	Ingestion	Some positive male reproductive data exist, but the data are not sufficient for classification	Mouse	NOAEL 3,328 mg/kg	2 generation
1-Methoxy-2-Propanol	Ingestion	Some positive developmental data exist, but the data are not sufficient for classification	Rat	NOAEL 370 mg/kg	during gestation
1-Methoxy-2-Propanol	Inhalation	Some positive developmental data exist, but the data are not sufficient for classification	Rat	NOAEL 3.7 mg/l	2 generation
DIETHYL PHTHALATE	Ingestion	Some positive female reproductive data exist, but the data are not sufficient for classification	Mouse	NOAEL 1,625 mg/kg/day	2 generation
DIETHYL PHTHALATE	Ingestion	Some positive male reproductive data exist, but the data are not sufficient for classification	Rat	NOAEL 1,625 mg/kg	2 generation
DIETHYL PHTHALATE	Ingestion	Some positive developmental data exist, but the data are not sufficient for classification	Rat	NOAEL 1,900 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
1-Methoxy-2-Propanol	Dermal	central nervous system depression	Some positive data exist, but the data are not sufficient for classification	Rabbit	NOAEL 1,800 mg/kg	13 weeks
1-Methoxy-2-Propanol	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human	NOAEL Not available	

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration

1-Methoxy-2-Propanol	Dermal	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rabbit	NOAEL 1,800 mg/kg/day	13 weeks
1-Methoxy-2-Propanol	Dermal	hematopoietic system	All data are negative	Rabbit	NOAEL 1,000 mg/kg/day	3 weeks
1-Methoxy-2-Propanol	Inhalation	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 3.7 mg/l	13 weeks
1-Methoxy-2-Propanol	Inhalation	liver	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 11 mg/l	13 weeks
1-Methoxy-2-Propanol	Inhalation	hematopoietic system	All data are negative	Rat	NOAEL 2.2 mg/l	10 days
1-Methoxy-2-Propanol	Ingestion	liver | kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 920 mg/kg/day	13 weeks
DIETHYL PHTHALATE	Dermal	skin	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 855 mg/kg/day	2 years
DIETHYL PHTHALATE	Dermal	liver | kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 855 mg/kg	2 years
DIETHYL PHTHALATE	Dermal	heart	All data are negative	Rat	NOAEL 855 mg/kg/day	2 years
DIETHYL PHTHALATE	Dermal	nervous system | respiratory system	All data are negative	Rat	NOAEL 855 mg/kg	2 years
DIETHYL PHTHALATE	Ingestion	heart	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 3,710 mg/kg/day	16 weeks
DIETHYL PHTHALATE	Ingestion	nervous system | kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 3,710 mg/kg	16 weeks
DIETHYL PHTHALATE	Ingestion	hematopoietic system	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 3,160 mg/kg	6 weeks
DIETHYL PHTHALATE	Ingestion	liver	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 1,753 mg/kg	3 weeks
DIETHYL PHTHALATE	Ingestion	endocrine system	All data are negative	Rat	NOAEL 3,710 mg/kg/day	16 weeks
DIETHYL PHTHALATE	Ingestion	muscles | respiratory system	All data are negative	Rat	NOAEL 3,710 mg/kg	16 weeks

Aspiration Hazard

Name	Value

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. Prior to disposal, consult all applicable authorities and regulations to insure proper classification. Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, utilize an acceptable permitted waste disposal facility. Empty and clean product containers may be disposed as non-hazardous waste. Consult your specific regulations and service providers to determine available options and requirements.

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
Contact 3M for more information.

311/312 Hazard Categories:

Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No Immediate Hazard - Yes Delayed Hazard - No

15.2. State Regulations
Contact 3M for more information.

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.

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: 1 **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: 1 **Flammability:** 0 **Physical Hazard:** 0 **Personal Protection:** X - See PPE section.

Hazardous Material Identification System (HMIS® III) 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® III ratings are to be used with a fully implemented HMIS® III program. HMIS® is a registered mark of the American Coatings Association (ACA).

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