



Safety Data Sheet

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SECTION 1: Identification

1.1. Product identifier

3M™ Mouth Moisturizing Gel #19227

Product Identification Numbers

70-2007-6202-2

1.2. Recommended use and restrictions on use

Recommended use

Oral care

1.3. Supplier's details

MANUFACTURER:	3M
DIVISION:	Infection Prevention 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.

Notes to Physician:

Not applicable

2.3. Hazards not otherwise classified

None.

3% of the mixture consists of ingredients of unknown acute oral toxicity.

SECTION 3: Composition/information on ingredients

Ingredient	C.A.S. No.	% by Wt
WATER	7732-18-5	75 - 85
GLYCERIN	56-81-5	10 - 15
Aloe Vera Gel	Unknown	0 - 1
HYDROXYPROPYL GUAR GUM	39421-75-5	0 - 1
(HYDROXYETHYL)CELLULOSE	9004-62-0	0 - 1
XYLITOL	87-99-0	0 - 1
METHYL P-HYDROXYBENZOATE	99-76-3	<= 0.2
Mint Flavor Compound	Unknown	<= 0.05
PROPYL P-HYDROXYBENZOATE	94-13-3	<= 0.04

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation:**

No need for first aid is anticipated.

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. 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**

Hydrocarbons
Carbon monoxide
Carbon dioxide

Condition

During Combustion
During Combustion
During Combustion

5.3. Special protective actions for fire-fighters

No unusual fire or explosion hazards are anticipated.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the area with fresh air. Observe precautions from other sections.

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. 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. Dispose of collected material as soon as possible.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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

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

Not applicable.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

None required.

Skin/hand protection

No chemical protective gloves are required.

Respiratory protection

None required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

General Physical Form:	Liquid
Odor, Color, Grade:	Clear Gel with Mint Odor
Odor threshold	<i>No Data Available</i>
pH	6.7 - 6.91
Melting point	<i>Not Applicable</i>
Boiling Point	<i>Not Applicable</i>
Flash Point	Flash point > 93 °C (200 °F)
Evaporation rate	<i>Not Applicable</i>
Flammability (solid, gas)	<i>Not Applicable</i>
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>
Density	1.02 - 1.05
Specific Gravity	1.02 - 1.05 [Ref Std: WATER=1]
Solubility in Water	Complete
Solubility- non-water	<i>No Data Available</i>
Partition coefficient: n-octanol/ water	<i>Not Applicable</i>
Autoignition temperature	<i>Not Applicable</i>
Decomposition temperature	<i>No Data Available</i>
Viscosity	<i>Not Applicable</i>

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 health effects are expected.

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	Ingestion		No data available; calculated ATE > 5,000 mg/kg
GLYCERIN	Dermal	Rabbit	LD50 estimated to be > 5,000 mg/kg
GLYCERIN	Ingestion	Rat	LD50 > 5,000 mg/kg
HYDROXYPROPYL GUAR GUM	Ingestion		LD50 estimated to be 2,000 - 5,000 mg/kg
(HYDROXYETHYL)CELLULOSE			Data not available or insufficient for classification
XYLITOL			Data not available or insufficient for classification
METHYL P-HYDROXYBENZOATE	Ingestion	Rat	LD50 2,100 mg/kg
PROPYL P-HYDROXYBENZOATE	Ingestion	Rat	LD50 > 8,000 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
GLYCERIN	Rabbit	No significant irritation
(HYDROXYETHYL)CELLULOSE		Data not available or insufficient for classification
HYDROXYPROPYL GUAR GUM		Data not available or insufficient for classification
XYLITOL		Data not available or insufficient for classification
METHYL P-HYDROXYBENZOATE	Rabbit	Minimal irritation
PROPYL P-HYDROXYBENZOATE		Data not available or insufficient for classification

Serious Eye Damage/Irritation

Name	Species	Value
GLYCERIN	Rabbit	No significant irritation
(HYDROXYETHYL)CELLULOSE		Data not available or insufficient for classification
HYDROXYPROPYL GUAR GUM		Data not available or insufficient for classification
XYLITOL		Data not available or insufficient for classification
METHYL P-HYDROXYBENZOATE	Rabbit	Mild irritant
PROPYL P-HYDROXYBENZOATE		Data not available or insufficient for classification

Skin Sensitization

Name	Species	Value
GLYCERIN	Guinea pig	Not sensitizing
(HYDROXYETHYL)CELLULOSE		Data not available or insufficient for classification
HYDROXYPROPYL GUAR GUM		Data not available or insufficient for classification
XYLITOL		Data not available or insufficient for classification

METHYL P-HYDROXYBENZOATE	Human and animal	Some positive data exist, but the data are not sufficient for classification
PROPYL P-HYDROXYBENZOATE		Data not available or insufficient for classification

Respiratory Sensitization

Name	Species	Value
GLYCERIN		Data not available or insufficient for classification
(HYDROXYETHYL)CELLULOSE		Data not available or insufficient for classification
HYDROXYPROPYL GUAR GUM		Data not available or insufficient for classification
XYLITOL		Data not available or insufficient for classification
METHYL P-HYDROXYBENZOATE		Data not available or insufficient for classification
PROPYL P-HYDROXYBENZOATE		Data not available or insufficient for classification

Germ Cell Mutagenicity

Name	Route	Value
GLYCERIN		Data not available or insufficient for classification
(HYDROXYETHYL)CELLULOSE		Data not available or insufficient for classification
HYDROXYPROPYL GUAR GUM		Data not available or insufficient for classification
XYLITOL		Data not available or insufficient for classification
METHYL P-HYDROXYBENZOATE	In Vitro	Some positive data exist, but the data are not sufficient for classification
METHYL P-HYDROXYBENZOATE	In vivo	Some positive data exist, but the data are not sufficient for classification
PROPYL P-HYDROXYBENZOATE		Data not available or insufficient for classification

Carcinogenicity

Name	Route	Species	Value
GLYCERIN	Ingestion	Mouse	Some positive data exist, but the data are not sufficient for classification
(HYDROXYETHYL)CELLULOSE			Data not available or insufficient for classification
HYDROXYPROPYL GUAR GUM			Data not available or insufficient for classification
XYLITOL			Data not available or insufficient for classification
METHYL P-HYDROXYBENZOATE	Ingestion	Rat	Not carcinogenic
PROPYL P-HYDROXYBENZOATE			Data not available or insufficient for classification

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

Name	Route	Value	Species	Test Result	Exposure Duration
GLYCERIN	Ingestion	Not toxic to female reproduction	Rat	NOAEL 2,000 mg/kg/day	2 generation
GLYCERIN	Ingestion	Not toxic to male reproduction	Rat	NOAEL 2,000 mg/kg/day	2 generation
GLYCERIN	Ingestion	Not toxic to development	Rat	NOAEL 2,000 mg/kg/day	2 generation
(HYDROXYETHYL)CELLULOSE		Data not available or insufficient for classification			
HYDROXYPROPYL GUAR GUM		Data not available or insufficient for classification			
XYLITOL		Data not available or insufficient for classification			
METHYL P-HYDROXYBENZOATE	Ingestion	Not toxic to development	Multiple animal species	NOAEL 550 mg/kg/day	during organogenesis
PROPYL P-HYDROXYBENZOATE		Data not available or insufficient for classification			

Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
GLYCERIN			Data not available or insufficient for classification			
(HYDROXYETHYL)CELLULOSE			Data not available or insufficient for classification			
HYDROXYPROPYL GUAR GUM			Data not available or insufficient for classification			
XYLITOL			Data not available or insufficient for classification			
METHYL P-HYDROXYBENZOATE			Data not available or insufficient for classification			
PROPYL P-HYDROXYBENZOATE			Data not available or insufficient for classification			

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
GLYCERIN	Inhalation	respiratory system	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 3.91 mg/l	14 days
GLYCERIN	Inhalation	heart liver kidney and/or bladder	All data are negative	Rat	NOAEL 3.91 mg/l	14 days
GLYCERIN	Ingestion	endocrine system hematopoietic system liver kidney and/or bladder	All data are negative	Rat	NOAEL 10,000 mg/kg/day	2 years
(HYDROXYETHYL)CELLULOSE			Data not available or insufficient for classification			
HYDROXYPROPYL GUAR GUM			Data not available or insufficient for classification			
XYLITOL			Data not available or insufficient for classification			
METHYL P-HYDROXYBENZOATE	Ingestion	heart endocrine system hematopoietic system liver kidney and/or bladder respiratory system	All data are negative	Rat	NOAEL 5,500 mg/kg/day	96 weeks
PROPYL P-HYDROXYBENZOATE			Data not available or insufficient for classification			

Aspiration Hazard

Name	Value
GLYCERIN	Not an aspiration hazard
(HYDROXYETHYL)CELLULOSE	Not an aspiration hazard
HYDROXYPROPYL GUAR GUM	Not an aspiration hazard
XYLITOL	Not an aspiration hazard
METHYL P-HYDROXYBENZOATE	Not an aspiration hazard
PROPYL P-HYDROXYBENZOATE	Not an 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**

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, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. 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

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: 0 **Flammability:** 0 **Instability:** 1 **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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