Safety Data Sheet

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SECTION 1: Identification

1.1. Product identifier
3M™ Oral Cleanser 19230

Product Identification Numbers
70-2007-6203-0

1.2. Recommended use and restrictions on use

Recommended use
For oral cleansing.

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.

SECTION 3: Composition/information on ingredients

Ingredient	C.A.S. No.	% by Wt
WATER	7732-18-5	90 - 95
HYDROGEN PEROXIDE	7722-84-1	1 - 5 Trade Secret *
POLYETHYLENE-POLYPROPYLENE GLYCOL	9003-11-6	1 - 2
SORBITAN POLYETHOXY MONOLAURATE (POLYSORBATE 20)	9005-64-5	<= 0.5
SODIUM POLYPHOSPHATE AMORPHOUS	68915-31-1	<= 0.5
SODIUM SACCHARIN	128-44-9	<= 0.2
METHYL SALICYLATE	119-36-8	<= 0.05

*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 you feel unwell, 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

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. 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. 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
Avoid eye contact. Avoid prolonged or repeated skin contact. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment.

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
HYDROGEN PEROXIDE	7722-84-1	Amer Conf of Gov. Indust. Hyg.	TWA:1 ppm	
HYDROGEN PEROXIDE	7722-84-1	US Dept of Labor - OSHA	TWA:1.4 mg/m3(1 ppm)	

Amer Conf of Gov. Indust. Hyg. : American Conference of Governmental Industrial Hygienists
American Indust. Hygiene Assoc : American Industrial Hygiene Association
Chemical Manufacturer Rec Guid : Chemical Manufacturer's Recommended Guidelines
US Dept of Labor - 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
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 colorless liquid with slight mint odor.
Odor threshold	*No Data Available*
pH	3.5 - 4.0
Melting point	*Not Applicable*
Boiling Point	*Not Applicable*
Flash Point	Flash point > 93 °C (200 °F)
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	1.0155 g/ml
Specific Gravity	1.015 - 1.016 [*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	*Not Applicable*

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:
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.

Target Organ Effects:

Single exposure may cause:
Dermal Effects: Signs/symptoms may include changes in skin pigmentation and/or coloration.

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
HYDROGEN PEROXIDE	Dermal	Rabbit	LD50 > 2,000 mg/kg
HYDROGEN PEROXIDE	Inhalation-Dust/Mist (4 hours)	Rat	LC50 2 mg/l
HYDROGEN PEROXIDE	Ingestion	Rat	LD50 1,193 mg/kg
POLYETHYLENE-POLYPROPYLENE GLYCOL	Ingestion	Rat	LD50 5,700 mg/kg
SODIUM POLYPHOSPHATE AMORPHOUS			Data not available or insufficient for classification
SORBITAN POLYETHOXY MONOLAURATE (POLYSORBATE 20)	Ingestion	Rat	LD50 40,600 mg/kg
SODIUM SACCHARIN			Data not available or insufficient for classification

METHYL SALICYLATE			Data not available or insufficient for classification

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
HYDROGEN PEROXIDE	Rabbit	Corrosive
POLYETHYLENE-POLYPROPYLENE GLYCOL		Data not available or insufficient for classification
SODIUM POLYPHOSPHATE AMORPHOUS		Data not available or insufficient for classification
SORBITAN POLYETHOXY MONOLAURATE (POLYSORBATE 20)		Data not available or insufficient for classification
SODIUM SACCHARIN		Data not available or insufficient for classification
METHYL SALICYLATE		Data not available or insufficient for classification

Serious Eye Damage/Irritation

Name	Species	Value
HYDROGEN PEROXIDE	Rabbit	Corrosive
POLYETHYLENE-POLYPROPYLENE GLYCOL		Data not available or insufficient for classification
SODIUM POLYPHOSPHATE AMORPHOUS		Data not available or insufficient for classification
SORBITAN POLYETHOXY MONOLAURATE (POLYSORBATE 20)		Data not available or insufficient for classification
SODIUM SACCHARIN		Data not available or insufficient for classification
METHYL SALICYLATE		Data not available or insufficient for classification

Skin Sensitization

Name	Species	Value
HYDROGEN PEROXIDE	Guinea pig	Not sensitizing
POLYETHYLENE-POLYPROPYLENE GLYCOL		Data not available or insufficient for classification
SODIUM POLYPHOSPHATE AMORPHOUS		Data not available or insufficient for classification
SORBITAN POLYETHOXY MONOLAURATE (POLYSORBATE 20)		Data not available or insufficient for classification
SODIUM SACCHARIN		Data not available or insufficient for classification
METHYL SALICYLATE		Data not available or insufficient for classification

Respiratory Sensitization

Name	Species	Value
HYDROGEN PEROXIDE		Data not available or insufficient for classification
POLYETHYLENE-POLYPROPYLENE GLYCOL		Data not available or insufficient for classification
SODIUM POLYPHOSPHATE AMORPHOUS		Data not available or insufficient for classification
SORBITAN POLYETHOXY MONOLAURATE (POLYSORBATE 20)		Data not available or insufficient for classification
SODIUM SACCHARIN		Data not available or insufficient for classification
METHYL SALICYLATE		Data not available or insufficient for classification

Germ Cell Mutagenicity

Name	Route	Value
HYDROGEN PEROXIDE	In vivo	Not mutagenic
HYDROGEN PEROXIDE	In Vitro	Some positive data exist, but the data are not sufficient for classification
POLYETHYLENE-POLYPROPYLENE GLYCOL		Data not available or insufficient for classification
SODIUM POLYPHOSPHATE AMORPHOUS		Data not available or insufficient for classification
SORBITAN POLYETHOXY MONOLAURATE (POLYSORBATE 20)		Data not available or insufficient for classification
SODIUM SACCHARIN		Data not available or insufficient for classification
METHYL SALICYLATE		Data not available or insufficient for classification

Carcinogenicity

Name	Route	Species	Value
HYDROGEN PEROXIDE	Dermal	Multiple animal species	Some positive data exist, but the data are not sufficient for classification
HYDROGEN PEROXIDE	Ingestion	Mouse	Some positive data exist, but the data are not sufficient for classification
POLYETHYLENE-POLYPROPYLENE GLYCOL			Data not available or insufficient for classification
SODIUM POLYPHOSPHATE AMORPHOUS			Data not available or insufficient for classification
SORBITAN POLYETHOXY MONOLAURATE (POLYSORBATE 20)			Data not available or insufficient for classification
SODIUM SACCHARIN			Data not available or insufficient for classification
METHYL SALICYLATE			Data not available or insufficient for classification

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test Result	Exposure Duration
HYDROGEN PEROXIDE	Ingestion	Some positive female reproductive data exist, but the data are not sufficient for classification	Rat	LOAEL 5 mg/kg/day	6 months
HYDROGEN PEROXIDE	Ingestion	Some positive male reproductive data exist, but the data are not sufficient for classification	Rat	LOAEL 5 mg/kg/day	6 months
HYDROGEN PEROXIDE	Ingestion	Some positive developmental data exist, but the data are not sufficient for classification	Rat	LOAEL 5 mg/kg/day	during gestation
POLYETHYLENE-POLYPROPYLENE GLYCOL		Data not available or insufficient for classification			
SODIUM POLYPHOSPHATE AMORPHOUS		Data not available or insufficient for classification			
SORBITAN POLYETHOXY MONOLAURATE (POLYSORBATE 20)		Data not available or insufficient for classification			
SODIUM SACCHARIN		Data not available or insufficient for classification			
METHYL SALICYLATE		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
HYDROGEN PEROXIDE	Inhalation	respiratory irritation	May cause respiratory irritation	Human	NOAEL Not available	
HYDROGEN PEROXIDE	Ingestion	nervous system	Some positive data exist, but the data are not sufficient for classification	Human	LOAEL Not available	poisoning and/or abuse
POLYETHYLENE-POLYPROPYLENE GLYCOL			Data not available or insufficient for classification			
SODIUM POLYPHOSPHATE AMORPHOUS			Data not available or insufficient for classification			
SORBITAN POLYETHOXY MONOLAURATE (POLYSORBATE 20)			Data not available or insufficient for classification			
SODIUM SACCHARIN			Data not available or insufficient for classification			
METHYL SALICYLATE			Data not available or insufficient for classification			

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
HYDROGEN PEROXIDE	Ingestion	hematopoietic system	Some positive data exist, but the data are not sufficient for classification	Rat	NOEL 0.005 mg/kg/day	6 months
HYDROGEN PEROXIDE	Ingestion	liver | kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Mouse	NOAEL Not available	35 weeks
POLYETHYLENE-POLYPROPYLENE GLYCOL			Data not available or insufficient for classification			
SODIUM POLYPHOSPHATE AMORPHOUS			Data not available or insufficient for classification			

SORBITAN POLYETHOXY MONOLAURATE (POLYSORBATE 20)			Data not available or insufficient for classification			
SODIUM SACCHARIN			Data not available or insufficient for classification			
METHYL SALICYLATE			Data not available or insufficient for classification			

Aspiration Hazard

Name	Value
HYDROGEN PEROXIDE	Not an aspiration hazard
POLYETHYLENE-POLYPROPYLENE GLYCOL	Not an aspiration hazard
SODIUM POLYPHOSPHATE AMORPHOUS	Not an aspiration hazard
SORBITAN POLYETHOXY MONOLAURATE (POLYSORBATE 20)	Not an aspiration hazard
SODIUM SACCHARIN	Not an aspiration hazard
METHYL SALICYLATE	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.

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

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 chemical notification requirements of TSCA. Commercial use of this material is regulated by the FDA.

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.

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