



# Safety Data Sheet

## MOUTH RINSE

### Section 1. Identification

Product Identifier	MOUTH RINSE		
Synonyms	MDS096815; MDS096817; MSD_SDS0376		
Manufacturer Stock Numbers	MDS096815; MDS096817		
Recommended use	Use of the substance/mixture: Mouthwash		
Uses advised against	N/A		
Manufacturer Contact			
Address	Medline Industries, Inc. 3 Lakes Drive Northfield, IL, 60093 USA		
	Phone	Emergency Phone	Fax
	(800) 633-5463	(800) 424-9300 CHEMTREC	(847) 643-4436
	Website		
	www.Medline.com		

### Section 2. Hazards Identification

Classification	N/A
Signal Word	
Pictogram	
Hazard Statements	N/A
Precautionary Statements	
Response	N/A
Prevention	N/A
Storage	N/A

Disposal	N/A
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	
Classification of the substance or mixture:	Classification (GHS): Not classified.
Label Elements:	GHS Labeling: No labeling applicable
Other hazards:	Other hazards not contributing to the classification: None under normal conditions.

### Section 3. Ingredients

CAS	Ingredient Name	Weight %
7732-18-5	Water	90% - 95%
56-81-5	Glycerin	3% - 7%

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First-Aid Measures

Description of First Aid Measures:	<p>First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).</p> <p>First-aid measures after inhalation: Assure fresh air breathing. Allow victim to rest.</p> <p>First-aid measures after skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.</p> <p>First-aid measures after eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.</p> <p>First-aid measures after ingestion: Rinse mouth. DO NOT induce vomiting. Obtain emergency medical attention if a large amount is ingested.</p>
Most important symptoms and effects, both acute and delayed:	<p>Symptoms/Injuries:</p> <p>Not expected to present a significant hazard under anticipated conditions of normal use.</p>
Indication of any immediate medical attention and special treatment needed:	Treat symptomatically

### Section 5. Fire Fighting Measures

Suitable Extinguishing	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
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#### Media

Unsuitable Extinguishing Media Do not use a heavy water stream.

Special hazards arising from the substance or mixture: Reactivity:  
Stable at ambient temperature and under normal conditions of use.

Advice for firefighters: Firefighting Instructions:  
Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting:  
Do not enter fire area without proper protective equipment, including respiratory protection.

## Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: For non-emergency personnel:  
Emergency Procedures: Evacuate unnecessary personnel.

For emergency responders:  
Protective Equipment: Equip cleanup crew with proper protection.  
Emergency Procedures: Ventilate area.

Environmental Precautions: Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods and Materials for Containment and Cleaning up: Methods for Cleaning Up:  
Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

Reference to other sections: See Heading 8. Exposure controls and personal protection.

## Section 7. Handling and Storage

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

Conditions for safe storage, including any incompatibilities: Storage Conditions:  
Keep only in the original container in a cool, well ventilated place away from strong acids, strong bases and oxidation agents. Keep container closed when not in use.

Incompatible Products:  
Strong bases. Strong acids.

Incompatible Materials:  
Sources of ignition. Direct sunlight.

Storage Temperature:  
5-30°C

Specific End use(s): No additional information available.

## Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Water	N/A	N/A	N/A
	Glycerin	TWA: 10 mg/m3 (mist)	TWA: 15 mg/m3 mist, total particulate TWA: 5 mg/m3 mist, respirable fraction (vacated) TWA: 10 mg/m3 mist, total particulate (vacated) TWA: 5 mg/m3 mist, respirable fraction	N/A
Personal Protective Equipment	N/A			
Exposure Controls:	<p>Appropriate Engineering Controls: Ensure good ventilation of the work station.</p> <p>Personal Protection Equipment: Avoid all unnecessary exposure.</p> <p>Hand Protection Wear protective gloves.</p> <p>Eyes Protection: Chemical goggles or safety glasses.</p> <p>Respiratory Protection: Wear appropriate mask.</p> <p>Other Information: Do not eat, drink or smoke during use.</p>			

## Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Clear
Odor	Sweet, Mint
Odor Threshold	No data available
Solubility	Soluble in water
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	No data available
Specific Gravity	1
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	>100°C
FP Method	N.D.

pH	5.3-5.5
Melting Point	No data available/ 0°C
Boiling Point	100°C
Boiling Range	N.D.
LEL	N/A
UEL	N/A
Evaporation Rate	N.D.
Flammability	No data available
Decomposition Temperature	No data available
Auto-ignition Temperature	No data available
Vapor Pressure	<24 mm Hg @ 25°C
Vapor Density	No data available

Other information: No additional information available.

## Section 10. Stability and Reactivity

Reactivity: Stable at ambient temperature and under normal conditions of use.  
 Chemical Stability: Stable under normal conditions.  
 Possibility of Hazardous Reactions: None under normal use.  
 Conditions to avoid: Direct sunlight. Extremely high or low temperatures.  
 Incompatible Materials: Strong acids. Strong bases.  
 Hazardous Decomposition Products: Fumes. Carbon monoxide. Carbon dioxide.

## Section 11. Toxicological Information

Information on Toxicological Effects: Water CAS-No. 7732-18-5  
 LD50 oral rat: >90 ml/kg Food Research. Vol. 21, Pg. 348, 1956.  
 Glycerin CAS-No. 56-81-5  
 LD50 oral rat: 27200 mg/kg (Rat; Experimental value)  
 LC50 inhalation rat (mg/l): >2.75 mg/l/4h (Rat; Experimental value)  
 ATE US (oral): 27200.000 mg/kg body weight  
 Skin corrosion/irritation: Not classified.  
 pH: 5.3-5.5

Serious Eye Damage/Eye irritation:	Not classified. pH: 5.3 - 5.5
Respiratory/Skin Sensitization:	Not classified.
Germ cell Mutagenicity:	Not classified.
Carcinogenicity:	Not classified.
Reproductive Toxicity:	Not classified.
Specific Target Organ Toxicity - Single Exposure:	Not classified.
Specific Target Organ Toxicity - Repeated Exposure:	Not classified.
Aspiration hazard:	Not classified.

## Section 12. Ecological Information

Toxicity:	<p>Glycerin CAS No. 56-81-5</p> <p>LC50 fish 1: 54000 mg/l (96 h; <i>Salmo gairdneri</i> (<i>Oncorhynchus mykiss</i>); Lethal)</p> <p>LC50 other aquatic organisms 1: &gt;1000 mg/l (96 h)</p> <p>EC50 <i>Daphnia</i> 1: &gt;10000 mg/l (24 h; <i>Daphnia magna</i>; Locomotor effect)</p> <p>LC50 fish 2: &gt;1000 mg/l (96 h; Pisces)</p> <p>TLM fish 1: &gt;1000 ppm (96 h; Pisces)</p> <p>TLM other aquatic organisms 1: &gt;1000 ppm (96 h)</p> <p>Threshold limit other aquatic organisms 1: &gt;1000 mg/l (96 h)</p> <p>Threshold limit algae 1: &gt;10000 mg/l (8 days; <i>Scenedesmus quadricauda</i>; Turbid water)</p> <p>Threshold limit algae 2: 2900 mg/l (192 h; <i>Microcystis aeruginosa</i>; Toxicity test)</p>
Persistence and degradability:	<p>Mouth Rinse: Not established Glycerin CAS No. 56-81-5</p> <p>Persistence and Degradability: Readily biodegradable in water.</p> <p>Biochemical oxygen demand (BOD): 0.87 g O<sub>2</sub>/g substance</p> <p>Chemical oxygen demand (COD): 1.16 g O<sub>2</sub>/g substance</p> <p>ThOD: 1.217 g O<sub>2</sub>/g substance</p> <p>BOD (% of ThOD): 0.71 % ThOD</p>

Bioaccumulative potential: Mouth rinse: Bioaccumulative potential: Not established.

Glycerin CAS-No. 56-81-5

Log Pow: -1.75 (Experimental value; Equivalent or similar to OECD 107)

Bioaccumulative Potential: Not applicable

Mobility in soil:

Glycerin CAS-No. 56-81-5

Surface tension: 0.0634 N/m (20°C; 1000 g/l)

## Section 13. Disposal

Waste Treatment Methods: Waste disposal recommendations:

Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials:

Avoid release to the environment.

## Section 14. Transport Information

UN Number N/A

UN Proper Shipping Name Not regulated

DOT Classification Not regulated

Packing Group Not regulated

In Accordance with US Not regulated for transport.

Dept. of Transportation  
(DOT)

Additional information: Other information:  
No supplementary information available.

TDG: Not regulated for transport.

Transport by Sea: Class (IMDG): Not regulated for transport

AIR Transport: Class (IATA): Not regulated for transport

## Section 15. Regulatory Information

SARA 311/312: Refer to Section 2 of the SDS.

SARA 302: N.A.

SARA 304: N.A.

SARA 313: N.A.

TSCA: All components are listed or exempt.

CERCLA Hazardous N.A.

Substance List:

Clean Air Act (CAA) Section N.A.

112, 112 (r):

State Regulations: New Jersey Dept. of Health RTK: Glycerin

Pennsylvania RTK: 1, 2, 3- Propanetriol

Rhode Island RTK: Glycerol

## Section 16. Other Information

Revision Date

9/6/2018

Legend

N.A. - Not Applicable  
N.E. - Not Established  
N.D. - Not Determined

National Fire Protection  
Association (U.S.A): Health  
Hazard

0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.

National Fire Protection  
Association (U.S.A): Fire  
Hazard

0 - Materials that will not burn.

National Fire Protection  
Association (U.S.A):  
Reactivity

0 - Normally stable, even under fire exposure conditions, and are not reactive in water.

HMIS III Rating

Health:  
0 minimal hazard- no significant risk to health

Flammability:  
0 minimal hazard

Physical:  
0 minimal hazard

Additional Information

This Safety Data Sheet was prepared to comply with the current OSHA Hazard Communication Standard (HCS) adoption of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). This SDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.

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