
SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Material Name

Listerine Total Care Enamel Guard / Listerine Spearmint

Trade Names

Specification number: PR-008406

Chemical Family

Personal care products

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses

Personal care products

Uses advised against

None known

1.3 Details of the supplier of the safety data sheet

Johnson and Johnson Consumer Companies, Inc.

199 Grandview Road

Skillman, NJ 08558

USA

Phone: Customer Service: 33 2 32 61 72 00

1.4 Emergency telephone number

3E Company at 1-760-476-3959 Provide the technician with the following tracking code: 2277

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable Liquids - Category 3

2.2 Label elements

Labeling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard symbols



Signal word

Warning

Hazard statements

H226 Flammable liquid and vapor

Precautionary statements

Prevention

P233 Keep container tightly closed

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

Response

P370+P378 In case of fire: Use appropriate media to extinguish

Storage

None

Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulations

SECTION 3: Composition / information on ingredients

CAS EC No Registration No	Component Name Synonyms	1272/2008 (CLP)	Percent
50-70-4 200-061-5 --	Sorbitol	--	10-15
64-17-5 200-578-6 --	Alcohol	Flam. Liq. 2 - H225 Aquatic Chronic 3	10-20

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation

It is unlikely that emergency treatment will be required if used as directed. If adverse effects occur, remove to uncontaminated area. If discomfort persists, contact a physician.

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Material Name: Listerine Total Care Enamel Guard / Listerine Spearmint

SDS ID: EMEA-580-198

Skin

It is unlikely that emergency treatment will be required if used as directed. If on skin, wash immediately with plenty of soap and water. Get medical attention if irritation develops.

Eyes

If eye contact occurs, rinse with tap water for 5-10 minutes. If irritation persists, seek medical attention. Remove contact lenses, if present and easy to do.

Ingestion

If swallowed, do not induce vomiting, consult physician immediately and show this container or label.

4.2 Most Important Symptoms/Effects

Acute

No information on significant adverse effects.

Delayed

No information on significant adverse effects.

4.3 Indication of Immediate Medical Attention and Special Treatment

Treat symptomatically and supportively.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use extinguishing agents appropriate for surrounding fire: regular dry chemical, carbon dioxide.

Unsuitable Extinguishing Media

None known

5.2 Special hazards arising from the substance or mixture

Slight fire hazard.

Combustion

Oxides of carbon

5.3 Advice for firefighters

Stable under normal conditions of use.

Fire Fighting Measures

Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products.

Protective Equipment and Precautions for Firefighters

Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

None applicable

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and Materials for Containment and Cleaning Up

Collect spilled material in appropriate container for disposal.

6.4 Reference to other sections

Safe handling: see section 7. Personal protection equipment: see section 8. Disposal: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

No hazard is expected from the normal use of this product.

7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep cool

Store according to labeled instructions

Incompatible Materials

Oxidizing agents

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Component Exposure Limits

Alcohol	64-17-5
Austria:	1000 ppm TWA [TMW]; 1900 mg/m ³ TWA [TMW]
	2000 ppm STEL [KZW]; 3800 mg/m ³ STEL [KZW]
Belgium:	1000 ppm TWA; 1907 mg/m ³ TWA
Denmark:	1000 ppm TWA; 1900 mg/m ³ TWA
Finland:	1000 ppm TWA; 1900 mg/m ³ TWA
	1300 ppm STEL; 2500 mg/m ³ STEL
France:	1000 ppm TWA [VME]; 1900 mg/m ³ TWA [VME]
	5000 ppm STEL [VLCT]; 9500 mg/m ³ STEL [VLCT]
Germany	500 ppm TWA AGW (The risk of damage to the embryo or fetus can be excluded when

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Material Name: Listerine Total Care Enamel Guard / Listerine Spearmint

SDS ID: EMEA-580-198

(TRGS):	AGW and BGW values are observed) exposure factor 2; 960 mg/m ³ TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) exposure factor 2
Germany (DFG):	500 ppm TWA MAK; 960 mg/m ³ TWA MAK
	1000 ppm Peak; 1920 mg/m ³ Peak
Greece:	1000 ppm TWA; 1900 mg/m ³ TWA
Ireland:	1000 ppm STEL
Netherlands:	260 mg/m ³ TWA
	1900 mg/m ³ STEL
	skin notation
Portugal:	1000 ppm TWA [VLE-MP]
Spain:	1000 ppm STEL [VLA-EC]; 1910 mg/m ³ STEL [VLA-EC]
Sweden:	500 ppm LLV; 1000 mg/m ³ LLV
	1000 ppm STV; 1900 mg/m ³ STV
United Kingdom:	1000 ppm TWA; 1920 mg/m ³ TWA
	3000 ppm STEL (calculated); 5760 mg/m ³ STEL (calculated)

Biological limit value

There are no biological limit values for any of this product's components.

Derived No Effect Levels (DNELs)

No DNELs available.

Predicted No Effect Concentrations (PNECs)

No PNECs available.

8.2 Exposure Controls

Engineering controls

Not required

Eye/face protection

Eye protection not required.

Skin Protection

Protective clothing is not required.

Respiratory Protection

Not required

Glove Recommendations
 Hand protection is not required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	clear liquid	Physical State	liquid
Odor	mint	Color	green
Odor Threshold	Not available	pH	3.7-4.7
Melting Point	Not available	Boiling Point	Not available
Freezing point	Not available	Evaporation Rate	Not available
Boiling Point Range	Not available	Flammability (solid, gas)	Not available
Autoignition	Not available	Flash Point	33 °C (91.4°F)
Lower Explosive Limit	Not available	Decomposition	Not available
Upper Explosive Limit	Not available	Vapor Pressure	Not available
Vapor Density (air=1)	Not available	Specific Gravity (water=1)	Not available
Water Solubility	Not available	Partition coefficient: n-octanol/water	Not available
Viscosity	Not available	Solubility (Other)	Not available
Density	Not available		

SECTION 10: Stability and reactivity

10.1 Reactivity

Under normal conditions, no hazard is expected.

10.2 Chemical stability

Stable under normal conditions of use.

10.3 Possibility of hazardous reactions

Will not polymerize.

10.4 Conditions to avoid

None known

10.5 Incompatible materials

Oxidizing agents

10.6 Hazardous decomposition products

None known

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute and Chronic Toxicity

This product has been evaluated against toxicological health hazards and no adverse health effects are expected from the use of this finished product.

Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and no selected endpoints have been identified

Irritation/Corrosivity Data

No data available.

Respiratory Sensitization

No data available.

Dermal Sensitization

No data available.

Germ Cell Mutagenicity

No data available.

Component Carcinogenicity

Alcohol	64-17-5
IARC:	Monograph 100E [2012] (in alcoholic beverages); Monograph 96 [2010] (in alcoholic beverages) (Group 1 (carcinogenic to humans))
DFG:	Category 5 (low carcinogenic potency)

Reproductive toxicity

No data available.

Specific Target Organ Toxicity - Single Exposure

No data available.

Specific Target Organ Toxicity - Repeated Exposure

No data available.

Aspiration hazard

No data available.

SECTION 12: Ecological information

12.1 Toxicity

Component Analysis - Aquatic Toxicity

Alcohol	64-17-5
Fish:	LC50 96 h Oncorhynchus mykiss 12 - 16 mL/L [static]; LC50 96 h Pimephales promelas >100 mg/L [static]; LC50 96 h Pimephales promelas 13400 - 15100 mg/L [flow-through]
Invertebrate:	LC50 48 h Daphnia magna 9268 - 14221 mg/L IUCLID; EC50 48 h Daphnia magna 2 mg/L [static] EPA

12.2 Persistence and degradability

Available upon request

12.3 Bioaccumulative potential

Available upon request

12.4 Mobility in soil

Available upon request

12.5 Results of PBT and vPvB assessment

EU - Interim Strategy for Management of PBT and vPvB Substances

No components of this material are listed.

12.6 Other adverse effects

None known

SECTION 13: Disposal considerations

13.1 Waste treatment methods

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

SECTION 14: Transport information

		ADR	RID	ADN	IMDG	ICAO, TI, IATA, DGR
14.1	UN Number	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
14.2	UN Proper Shipping Name	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)
Material Name: Listerine Total Care Enamel Guard / Listerine Spearmint **SDS ID: EMEA-580-198**

14.3	Transport Hazard Class(es)	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
14.4	Packing Group	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
14.5	Environmental Hazards	Not Applicable				
14.6	Special Precautions For User	Not regulated – Special provision 144 – Aqueous solutions containing 24% or less ethanol by volume. For personal protection, see section 8.			Not regulated – Special provision 144/IATA DGR Special provision A58 – Ethanol aqueous solutions containing 24% or less alcohol by volume. For personal protection, see section 8.	
14.7	Transport in Bulk According to Annex II or MARPOL 73/78 and the IBC Code	Not applicable. This SDS is not intended for Bulk.				

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU - REACH (1907/2006) - Annex XIV List of Substances Subject to Authorization

No components of this material are listed.

EU - REACH (1907/2006) - Article 59(1) Candidate List of Substances Subject to Authorization

No components of this material are listed.

EU - REACH (1907/2006) - Annex XVII Restrictions of Certain Dangerous Substances, Mixtures and Articles

No components of this material are listed.

EU - Biocides (1451/2007) - Existing Active Substance

Alcohol	64-17-5
---------	---------

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)
Material Name: Listerine Total Care Enamel Guard / Listerine Spearmint

SDS ID: EMEA-580-198

	Present
--	---------

Germany Regulations

Germany Water Classification

Alcohol (64-17-5)

ID Number 96 , hazard class 1 - low hazard to waters (footnote 10)

Denmark Regulations

No components of this material are listed.

Component Analysis - Inventory

Sorbitol (50-70-4)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

Alcohol (64-17-5)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

SECTION 16: Other information

16.1 Indication of changes

New SDS: 27/04/2015

16.2 Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH -

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Material Name: Listerine Total Care Enamel Guard / Listerine Spearmint

SDS ID: EMEA-580-198

Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States

16.3 Key literature references and sources for data

Available upon request.

16.4 Methods Used for Classification of Mixture According to Regulation (EC) No 1272/2008

Available upon request.

16.5 Relevant R-, H- and EUH-phrases (Number and full text)

Full text of R phrases in Section 3

R11 Highly flammable

H412 Harmful to aquatic life with long lasting effects

H225 Highly flammable liquid and vapor

16.6 Training advice

Read the Safety Data Sheet before handling product.

16.7 Further Information

Disclaimer:

The information and recommendations contained herein are based upon tests believed to be reliable. However, Johnson and Johnson does not guarantee their accuracy or completeness nor shall any of this information constitute a warranty, whether expressed or implied, as to the safety of the goods, the merchantability of the goods, or the fitness of the goods for a particular purpose. Adjustment to conform to actual conditions of usage may be required. Johnson and Johnson assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied.