

This safety data sheet complies with the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Issue Date 16-Mar-2016

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Code	EMEA-928-030
Product Name	Listerine Total Care Zero
Pure substance/mixture	Mixture
Specification No.	PR-010605

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

Recommended Use Personal Care Product. This SDS is only intended for occupational use and not for consumer use (see packaging label and or insert for consumer use). This SDS is written to provide environmental health and safety information for personnel that will be handling the finished product (not bulk). For health and safety information during the manufacturing of this product we refer to the appropriate SDS for each component of the mixture. A safety data sheet is not required for this product under Article 31 of REACH. This SDS has been created on a voluntary basis to pass on relevant information required under Article 32. Since an SDS is not required, this document may not contain all of the information that is required for substance and mixture SDS's under REACH.

Uses advised against None known

1.3. Details of the supplier of the safety data sheet

Johnson & Johnson Consumer Companies Inc.
199 Grandview Road, Skillman, New Jersey
08558
Customer Service number: 33 2 32 61 72 00

1.4. Emergency telephone number

Emergency Telephone Call 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

Regulation (EC) No 1272/2008
This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

2.2. Label elements

Signal word
None

Hazard statements
None

Precautionary Statements - EU (§28, 1272/2008)
None

2.3. Other hazards

None known

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Mixture**

Chemical Name	EC No.	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Propylene Glycol	200-338-0	57-55-6	0 - 10%	No data available	No data available

Additional information

For additional information on abbreviations see section 16

Section 4: FIRST AID MEASURES**4.1. Description of first aid measures**

Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	In the case of skin irritation or allergic reactions see a physician.
Inhalation	It is unlikely that emergency treatment will be required. If adverse effects occur, remove to uncontaminated area. If discomfort persists, contact a physician.
Ingestion	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

4.2. Most important symptoms and effects, both acute and delayed**Symptoms** No information available.**4.3. Indication of any immediate medical attention and special treatment needed****Note to physicians** Treat symptomatically.**Section 5: FIRE FIGHTING MEASURES****5.1. Extinguishing media****Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

None known

5.2. Special hazards arising from the substance or mixture

None known

5.3. Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full

protective gear.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions, protective equipment and emergency procedures

In the event of an accidental release, the emergency response team must respond based on a risk assessment and use personal protective equipment as appropriate

6.2. Environmental precautions

Do not allow into any sewer, on the ground or into any body of water.

6.3. Methods and material for containment and cleaning up

Methods and materials for containment and cleaning up Wipe up with absorbent material (eg. cloth, fleece). Collect spillage.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling

No special precautions are needed in handling this material.

Advice on protection against fire and explosion

No information available

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Store in accordance with: Product packaging.

Incompatible materials

None known.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Chemical Name	European Union	United Kingdom	France	Spain	Germany
Propylene Glycol 57-55-6	-	TWA: 150 ppm TWA: 474 mg/m ³ TWA: 10 mg/m ³ STEL: 450 ppm STEL: 1422 mg/m ³ STEL: 30 mg/m ³	-	-	-
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Propylene Glycol 57-55-6	-	-	-	TWA: 25 ppm TWA: 79 mg/m ³ STEL: 25 ppm STEL: 79 mg/m ³	TWA: 150 ppm TWA: 470 mg/m ³ TWA: 10 mg/m ³ STEL: 450 ppm STEL: 1410 mg/m ³ STEL: 30 mg/m ³

Derived No Effect Level (DNEL) No information available.

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering Controls All personal protective equipment should be based on a risk assessment. Consult an Environmental Health and Safety Expert if necessary.

Personal protective equipment

Eye/face protection None.
Hand Protection None.
Skin and body protection None.
Respiratory protection None.

Environmental exposure controls Exposure controls must be selected based on the Environmental Health and Safety risk assessment. Consult a Environmental Health and Safety Expert if necessary.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	liquid	Odor	Mint
Appearance	Liquid	Odor threshold	No information available
Color	clear purple red		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	3.9 - 4.5	
Melting point / freezing point	No information available	
Boiling point / boiling range	No information available	
Flash point	No information available	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Relative density	No information available	
Water solubility	Soluble in water	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	

Other Information

Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Density	No information available
Bulk density	No information available

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

None under normal use conditions

10.2. Chemical stability

Stable under normal conditions.

Explosion data

Sensitivity to Mechanical Impact None known.
Sensitivity to Static Discharge None known.

10.3. Possibility of hazardous reactions

Hazardous polymerization

None under normal use conditions.

Possibility of Hazardous Reactions

None under normal use conditions.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None under normal use conditions.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Product Information

Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation	No known effect.
Eye contact	Avoid contact with eyes.
Skin contact	No known effect.
Ingestion	No data available.

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

Skin corrosion/irritation No known effect.

Serious eye damage/eye irritation No known effect.

Sensitization No known effect.

Germ cell mutagenicity No known effect.

Carcinogenicity No known effect.

Reproductive toxicity No known effect.

Developmental Toxicity No known effect.

Teratogenicity No known effect.

STOT - single exposure No known effect.

STOT - repeated exposure	No known effect.
Neurological effects	No known effect.
Target Organ Effects	No known effect.
Other adverse effects	None known.
Aspiration hazard	No known effect.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Propylene Glycol	19000: 96 h Pseudokirchneriella subcapitata mg/L EC50	51600: 96 h Oncorhynchus mykiss mg/L LC50 static 41 - 47: 96 h Oncorhynchus mykiss mL/L LC50 static 51400: 96 h Pimephales promelas mg/L LC50 static 710: 96 h Pimephales promelas mg/L LC50	1000: 48 h Daphnia magna mg/L EC50 Static

12.2. Persistence and degradability

Available upon request

12.3. Bioaccumulative potential

Available upon request

12.4. Mobility in soil

Mobility in soil

Available upon request

12.5. Results of PBT and vPvB assessment

Available upon request

12.6. Other adverse effects

Available upon request

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from residues/unused products

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Section 14: TRANSPORT INFORMATION

Note:

The information provided in section 14 is intended to provide the user with guidance only on the proper shipping requirements for the finished product in the final packaging - NOT BULK. Transport classifications may vary by container volume and may be influenced by regional or country variations in regulations. It is the responsibility of the Shipper to ensure

this product is shipped in accordance with all applicable regulations. Consult your company's Hazardous/Dangerous Goods Expert for information specific to your situation.

IMDG

UN/ID no. Not applicable
 Proper shipping name Not applicable
 Hazard Class Not applicable
 Packing Group Not applicable
 Marine pollutant Not applicable
 Special Provisions Not applicable

RID

UN/ID no. Not applicable
 Proper shipping name Not applicable
 Hazard Class Not applicable
 Packing Group Not applicable
 Environmental Hazards Not applicable
 Special Provisions Not applicable

ADR

UN/ID no. Not applicable
 Proper shipping name Not applicable
 Hazard Class Not applicable
 Packing Group Not applicable
 Environmental Hazards Not applicable
 Special Provisions Not applicable

ICAO, TI, IATA

UN/ID no. Not applicable
 Proper shipping name Not applicable
 Hazard Class Not applicable
 Packing Group Not applicable
 Environmental Hazards Not applicable
 Special Provisions Not applicable

ADN

UN/ID no. Not applicable
 Proper shipping name Not applicable
 Hazard Class Not applicable
 Packing Group Not applicable
 Environmental Hazards Not applicable
 Special Provisions Not applicable

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable

Section 15: REGULATORY INFORMATION

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

Chemical Name	French RG number	Title
Propylene Glycol 57-55-6	RG 84	-

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants

Not applicable

Named dangerous substances per Seveso Directive (2012/18/EU)

None known

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

International Inventories

TSCA	Not Listed
DSL/NDSL	Not Listed
EINECS/ELINCS	Not Listed
ENCS	Not Listed
IECSC	Not Listed
KECL	Not Listed
PICCS	Not Listed
AICS	Not Listed

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

Section 16: OTHER INFORMATION

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under sections 2 and 3

Not applicable

Legend

SVHC: Substances of Very High Concern for Authorization:

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

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Disclaimer

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End of Safety Data Sheet