



SAFETY DATA SHEET

Issue Date 05-May-2015

1. IDENTIFICATION

Product Identifier

Product Name Listerine Cool Mint Listerine
Specification No. PR-007326
Pure substance/mixture Mixture

Other means of identification

Product Code NA-19292-116-A

Recommended use of the chemical and restrictions on use

Recommended Use Personal care.
Uses advised against None known

Details of the supplier of the safety data sheet

Supplier Address Johnson & Johnson Consumer Companies Inc.
199 Grandview Road, Skillman, New Jersey
08558
Canada: 1-877-223-9807 USA: 1800-361-8068

Emergency telephone number Call 3E company at 1-877-236-9871. Provide Technician with the following tracking code: 2277, Hours Open: 24 hours emergency assistance

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

| | |
|-------------------|------------|
| Flammable liquids | Category 3 |
|-------------------|------------|

Label elements

Emergency Overview

Warning

Hazard statements

Flammable liquid and vapor



Precautionary Statements - Prevention

Keep away from heat/sparks/open flames/hot surfaces. — No smoking

In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

Not applicable

Unknown acute toxicity

0% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

| Chemical Name | CAS No. | Weight-% | Trade Secret |
|---------------|---------|----------|--------------|
| Ethanol | 64-17-5 | 10 - 30 | * |

4. FIRST AID MEASURES

Description of first aid measures

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

Skin contact In the case of skin irritation or allergic reactions see a physician.

Inhalation Remove to fresh air. If symptoms persist, call a physician.

Ingestion If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use. Dry chemical. Carbon dioxide (CO₂). Water spray (fog). Alcohol resistant foam.

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire

Specific hazards arising from the chemical

None known

Hazardous combustion products Carbon oxides.

Explosion data

Sensitivity to Mechanical Impact None

Sensitivity to Static Discharge None

Protective equipment and precautions for firefighters

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment as required. See section 8.

Environmental precautions

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

Methods and material for containment and cleaning up

Methods for cleaning up Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Take precautionary measures against static discharges.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store at room temperature.

Incompatible materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters**Exposure Guidelines**

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|--------------------|----------------|--|--|
| Ethanol 64-17-5 | STEL: 1000 ppm | TWA: 1000 ppm TWA: 1900 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³ | IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m ³ |

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value

OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits
 NIOSH IDLH Immediately Dangerous to Life or Health

Other Information Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering Controls None.

Individual protection measures, such as personal protective equipment

Eye/face protection None.

Skin and body protection None.

Respiratory protection None.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|-----------------------|-------------|-----------------------|--------------------------|
| Physical state | liquid | Odor | No information available |
| Appearance | Liquid | Odor threshold | No information available |
| Color | light green | | |

| <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 | 33 °C / 91 °F | CC (closed cup) |
| 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 |

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions

Possibility of Hazardous Reactions

Hazardous polymerization None under normal processing.

Conditions to avoid

None known

Incompatible materials

None known

Hazardous Decomposition Products

None

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

| | |
|---------------------|-------------------|
| Inhalation | No data available |
| Eye contact | No data available |
| Skin contact | No data available |
| 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.

Sensitization No information available

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document None.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Available upon request

Persistence and degradability

Available upon request.

Bioaccumulation

Available upon request.

Mobility

Available upon request.

Other adverse effects
Available upon request

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

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

14. TRANSPORT INFORMATION

DOT

14.1 UN/ID no. Not regulated
 14.2 Proper shipping name Not applicable
 14.3 Hazard Class Not applicable
 14.4 Packing Group Not applicable
 14.5 Special Provisions Not regulated-Special provision 49 CFR 173.150 (e)-Aqueous solution containing greater than 50% water and less than 24% alcohol

TDG

14.1 UN/ID no. Not applicable
 14.2 Proper shipping name Not applicable
 14.3 Hazard Class Not applicable
 14.4 Packing Group Not applicable
 14.5 Special Provisions Not regulated -1.36 b)-Alcohol/water solutions exempt if the ethanol range is 0-50%

IMDG

14.1 UN/ID no. Not applicable
 14.2 Proper shipping name Not applicable
 14.3 Hazard Class Not applicable
 14.4 Packing Group Not applicable
 14.5 Marine pollutant Not applicable
 14.6 Special Provisions Not regulated -Special provision 144-Aqueous solutions containing 24% or less ethanol by volume
 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable

ICAO TI IATA

14.1 UN/ID no. Not applicable
 14.2 Proper shipping name Not applicable
 14.3 Hazard Class Not applicable
 14.4 Packing Group Not applicable
 14.5 Environmental hazard Not applicable
 14.6 Special Provisions Not regulated -ICAO TI Special provision 144/IATA DGR Special provision A58.Ethanol aqueous solutions containing 24% or less alcohol by volume

15. REGULATORY INFORMATION

International Inventories

TSCA Not Listed
 DSL/NDL 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

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

| | |
|-----------------------------------|-----|
| Acute health hazard | No |
| Chronic Health Hazard | No |
| Fire hazard | Yes |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

US State Regulations

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|--------------------|------------|---------------|--------------|
| Ethanol 64-17-5 | X | X | X |

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

Issue Date 05-May-2015
 Preparation Date: 05-May-2015

Disclaimer

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End of Safety Data Sheet