



Material Safety Data Sheet

Product code: JJCUS6467-0053

Revision date: 10-11-2010

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Supplier:

Johnson and Johnson Consumer Companies, Inc.
199 Grandview Road
Skillman, NJ
08558-9418

Customer service telephone: 1-800-526-3967

Emergency telephone number: For 24-hour emergency assistance, call the 3E Company at 1 (877) 236-9871. Provide the technician with the following product tracking code: 2277.

Product name: Listerine® Citrus Pocket Mist

Product code: JJCUS6467-0053

Formula: W006467-0053

Identified use: For external use only.

2. HAZARDS IDENTIFICATION

Emergency overview: Flammable.

Properties affecting health: This product contains ethanol which can cause liver changes, central nervous system effects, and birth defects of the developing fetus.

This material is a controlled product under WHMIS.

Principle routes of exposure:

Eye Contact: Contact with eyes may cause irritation.

Skin contact: May cause skin irritation.

Ingestion: Ingestion of larger amounts may cause defects to the central nervous system (e.g. dizziness, headache).

Inhalation: May affect the central nervous system.

Physico-chemical properties: No hazards resulting from the material as supplied.

Hazard information:

Target Organ(s) No significant organ toxicity expected.

Reproductive effects: Ingestion of large quantities may cause fetal alcohol syndrome (due to alcohol content).

Mutagenic effects: No effects expected.

Sensitization: Sensitization is not expected.

Signs and symptoms: None.

Medical conditions aggravated by exposure: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components

Components	CAS Number	Synonyms	Weight %
Menthol	89-78-1		1-5
ETHYL ALCOHOL (DENATURED)	64-17-5		>50

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4. FIRST AID MEASURES

Eye contact:	In the case of contact with eyes, rinse immediately with plenty of water for 15 minutes and seek medical attention.
Skin contact:	In the case of skin irritation or allergic reactions see a physician.
Ingestion:	If ingested, seek medical attention immediately and show the label.
Inhalation:	Move to fresh air immediately. If experiencing difficulty breathing, seek medical attention.
Protection of first-aiders:	Wear suitable gloves and eye/face protection.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Use any extinguishing media which is suitable for the surrounding fire.
Extinguishing media which must not be used for safety reasons:	None.
Special protective equipment for firefighters:	Wear a self-contained breathing apparatus and full protective gear.
Specific methods:	None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Ensure adequate ventilation.
Environmental precautions:	No special environmental precautions required.
Methods for cleaning up:	Wipe up with absorbent material (e.g. cloth, fleece).

7. HANDLING AND STORAGE

Handling:	
Technical measures/precautions:	No special technical protective measures required.
Safe handling advice:	None under normal processing.
Storage:	
Technical measures/storage conditions:	Keep away from heat, spark, and open flame.
Incompatible products:	Keep away from heat and sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components	ACGIH (TWA - 8hr)	ACGIH (STEL)	ACGIH (Ceiling)	Skin Absorption	OSHA (TWA - 8hr)	OSHA (Ceiling)	OSHA (STEL)
ETHYL ALCOHOL (DENATURED) (>50%) 64-17-5		1000 ppm			1000 ppm 1900 mg/m ³		

Engineering controls:	Ensure adequate ventilation.
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Personal protective equipment

Eye protection:	Eye and face protection recommended when manufacturing product.
Hand protection:	Protective gloves recommended when manufacturing product.
Skin and body protection	Wear suitable protective clothing. Wear suitable gloves and eye/face protection.
Respiratory protection:	None required.
Other/general protection:	None required.

9. PHYSICAL AND CHEMICAL PROPERTIES

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General Information

Physical state: Liquid
Appearance: Clear to slightly hazy.
Color: Clear to off-white.
Odor: Citrus.

Important Health Safety and Environmental Information

Flash point:	71.6 °F 22°C	Boiling point/range:	176.7 °F 80.4°C
pH:	Not applicable	Specific gravity:	0.91
Water solubility:	Soluble		

Other information

Explosivity: None.

10. STABILITY AND REACTIVITY

Chemical stability: Stable under recommended storage conditions.
Materials to avoid: Acids
Conditions to avoid: Fire

Hazardous polymerization: Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Eye contact May cause eye irritation.

Skin contact Not available.

Ingestion Not available.

Inhalation Not available.

Components	LD50 Oral	LD50 Dermal	LC50 (mg/m ³) Inhalation	LC50 (ppm) Inhalation
Menthol (1-5%) 89-78-1	3180			
ETHYL ALCOHOL (DENATURED) (>50%) 64-17-5	7060			

Sub-Chronic/Chronic Toxicity

No repeat dose data available.

Specific effects

Target Organ(s) No significant organ toxicity expected.

Reproductive effects Not available.

Developmental effects Not available.

Carcinogenic effects Not expected to be carcinogenic.

Components	ACGIH	IARC	OSHA	NTP
ETHYL ALCOHOL (DENATURED) (>50%) 64-17-5	A3	1		K

Genotoxic effects Not available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity effects: This product has no known eco-toxicological effects.

Aquatic toxicity effects: This product has no known aquatic toxicological effects.

13. DISPOSAL CONSIDERATIONS

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Waste from residues / unused products:

Waste disposal must be in accordance with appropriate US, Federal, State and International regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.

None.

Contaminated packaging:

14. TRANSPORT INFORMATION

DOT

DOT shipping name: Consumer Commodity
Hazard class: ORM-D

IATA/ICAO

ID/UN No.: ID8000
Proper shipping name: Consumer Commodity
Hazard class: 9
IATA - label: 9 Miscellaneous
ERG #: ERG171

IMO/IMDG

UN/Id No.: UN1170
Proper shipping name: Ethanol Solution, Limited Quantity
Hazard class: 3 (Flammable Liquids)
Packing group: PG II
EMS No.: F-E , S-D

ADR/RID

UN/Id No.: UN 1170
Proper shipping name: Ethanol Solution , Limited Quantity
Hazard class/packing group: 3,PGII
ADR/RID-labels: 3

TDG (Canada)

UN-No: UN1170
Proper Shipping Name: Ethanol solution Limited Quantity
Hazard Class: 3
Packing group: II

15. REGULATORY INFORMATION

Components	SARA 313	SARA 302	CERCLA	CEPA
ETHYL ALCOHOL (DENATURED)				Listed

SARA (311, 312) hazard class

Immediate health: None.
Delayed health: None.
Fire: Yes
Sudden Release of Pressure Hazard: None.
Reactivity: None.

State Regulations

Components	CAS Number	NJRTK	PARTK	MARTK	RIRTK
ETHYL ALCOHOL (DENATURED) (>50%)	64-17-5	Listed	Listed	Listed	Listed

International Inventories

Components	TSCA	DSL	NDSL
Menthol (1-5%)	X	X	Not Listed
ETHYL ALCOHOL (DENATURED) (>50%)	X	X	Not Listed

WHMIS:**WHMIS trade secret:**

None.

WHMIS hazard class:

B2 Flammable Liquids

**Notes:**

1. SARA = Superfund Amendments and the Reauthorization Act.
2. CERCLA = Comprehensive Environmental Response, Compensations and Liability Act.
3. FIFRA = Federal Insecticide, Fungicide and Rodenticide Act.
4. TSCA = Toxic Substance Control Act.
5. WHMIS = Canadian Workplace Hazardous Materials Information System.
6. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

16. OTHER INFORMATION**This data sheet contains changes from the previous version in section(s):**

None.

MSDS format:

- North American Format - U.S. and Canada

This Material Safety Data Sheet was prepared in accordance with ANSI Z400.1-2004.

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End of Safety Data Sheet