

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

077095151

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

077095193



## SAFETY DATA SHEET

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006

**Product code:** JJCFRPR005060  
**Issuing date:** 30-May-2008  
**Revision Date:** 10-Oct-2008

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

**Supplier:**  
Johnson & Johnson Consumer services EAME Limited  
Maidenhead, SL6 3UG  
United Kingdom  
Tel : 44 (0)1628 822 222

**Importer:**  
No information available

**Product name:** Citrus Listerine Mouthwash (in bottle up to 2.1 liters)  
**Product code:** JJCFRPR005060  
**Pure substance/preparation:** Preparation  
**Synonyms:** F : 580-114

**Contact person:**  
**Responsible/issuing person:** No information available  
**E-mail address:** EU.Consumer.MSDS@ITS.JNJ.com

**Emergency telephone number:** 49 (0)180 - 3 00 13 03

### 2. HAZARDS IDENTIFICATION

**Classification and labelling:** The product is classified and labelled in accordance with Directive 1999/45/EC

**Classification:** R10  
**Indication of danger:** Xi - Irritant.

Xi



#### Most important hazards

**Risk Phrases:** R10 - Flammable.  
R36 - Irritating to eyes.

**General hazard information:** This product contains ingredients that are flammable.

**Carcinogenicity rating:**

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J & J None.  
EC: None.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical nature of the preparation:**

No information available

This product formulation is flammable. This product contains ethanol which can cause liver changes, central nervous system effects, and adverse effects on the developing foetus.

Components	CAS Number	Weight %	Synonyms	REACH No.	EINECS-No.	Classification
ETHYL ALCOHOL (DENATURED)	64-17-5	10-20			200-578-6	F;R11

### 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:** If a person feels unwell or symptoms of skin irritation appear, consult 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.

### 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:** Do not use a solid water stream as it may scatter and spread fire.

**Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:** Flammable.

**Combustion products or resulting gases:** Carbon dioxide (CO<sub>2</sub>) Carbon Monoxide and unidentified organic compounds may be formed during combustion

**Special protective equipment for firefighters:** Wear a self-contained breathing apparatus and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Ensure adequate ventilation.

**Environmental precautions:** Prevent product from entering drains.

**Methods for cleaning up:** Wipe up with absorbent material (e.g. cloth, fleece).

### 7. HANDLING AND STORAGE

**Handling:**

**Technical measures/precautions:** Ensure adequate ventilation. Take measures to prevent the build up of electrostatic charge.

**Safe handling advice:** Keep away from open flames, hot surfaces and sources of ignition. No smoking.

**Storage:****Technical measures/storage conditions:**

Store at temperature below 40°C Do not freeze. Keep in a dry place. Protect from direct sunlight. Keep away from heat and sources of ignition Keep in a well-ventilated place. Keep from contact with oxidizing materials.

**Incompatible products:****Specific use(s):**

None under normal use.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Exposure limits:**

Components	European Union	France	Germany	Switzerland	The Netherlands	The United Kingdom
ETHYL ALCOHOL (DENATURED) (10-20%) 64-17-5	N/A	VME = 1000 ppm VME = 1900 mg/m <sup>3</sup> VLCT = 5000 ppm VLCT = 9500 mg/m <sup>3</sup>	MAK = 500 ppm MAK = 960 mg/m <sup>3</sup> TWA = 500 ppm TWA = 960 mg/m <sup>3</sup> Peak = 1000 ppm Peak = 1920 mg/m <sup>3</sup>	MAK = 500 ppm MAK = 960 mg/m <sup>3</sup> STEL = 1000 ppm STEL = 1920 mg/m <sup>3</sup>	N/A	TWA = 1000 ppm TWA = 1920 mg/m <sup>3</sup> STEL = 3000 ppm STEL = 5760 mg/m <sup>3</sup>

Components	Spain	Italy	Portugal	Finland	Denmark	Austria
ETHYL ALCOHOL (DENATURED) (10-20%) 64-17-5	VLA-ED = 1000 ppm VLA-ED = 1910 mg/m <sup>3</sup>	N/A	TWA = 1000 ppm	TWA = 1000 ppm TWA = 1900 mg/m <sup>3</sup> STEL = 1300 ppm STEL = 2500 mg/m <sup>3</sup>	TWA = 1000 ppm TWA = 1900 mg/m <sup>3</sup>	MAK = 1000 ppm MAK = 1900 mg/m <sup>3</sup> STEL = 2000 ppm STEL = 3800 mg/m <sup>3</sup>

Components	Norway	Poland	Ireland	Belgium	Bulgaria	Czech Republic
ETHYL ALCOHOL (DENATURED) (10-20%) 64-17-5	TWA = 500 ppm TWA = 950 mg/m <sup>3</sup> STEL = 1187.5 mg/m <sup>3</sup> STEL = 625 ppm	NDS = 1900 mg/m <sup>3</sup>	TWA = 1000 ppm TWA = 1900 mg/m <sup>3</sup>	TWA = 1000 ppm TWA = 1907 mg/m <sup>3</sup>	TWA = 1000.0 mg/m <sup>3</sup>	TWA = 1000 mg/m <sup>3</sup> Ceiling = 3000 mg/m <sup>3</sup>

Components	Estonia	Greece	Hungary	Latvia	Lithuania	Luxembourg
ETHYL ALCOHOL (DENATURED) (10-20%) 64-17-5	TWA = 1000 mg/m <sup>3</sup> TWA = 500 ppm STEL = 1000 ppm STEL = 1900 mg/m <sup>3</sup>	TWA = 1000 ppm TWA = 1900 mg/m <sup>3</sup>	TWA = 1900 mg/m <sup>3</sup> STEL = 7600 mg/m <sup>3</sup>	TWA = 1000 mg/m <sup>3</sup>	IPRV = 1000 mg/m <sup>3</sup> IPRV = 500 ppm TPRV = 1000 ppm TPRV = 1900 mg/m <sup>3</sup> NRV = 1000 ppm NRV = 1900 mg/m <sup>3</sup>	N/A

Components	Slovenia	Slovakia	Sweden	Cyprus	Malta	Romania
ETHYL ALCOHOL (DENATURED) (10-20%) 64-17-5	TWA = 1000 ppm TWA = 1900 mg/m <sup>3</sup> STEL = 4000 ppm STEL = 7600 mg/m <sup>3</sup>	TWA = 500 ppm TWA = 960 mg/m <sup>3</sup> Ceiling = 1920 mg/m <sup>3</sup>	LLV = 1000 mg/m <sup>3</sup> LLV = 500 ppm STV = 1000 ppm STV = 1900 mg/m <sup>3</sup>	N/A	N/A	TWA = 1000 ppm TWA = 1900 mg/m <sup>3</sup> STEL = 5000 ppm STEL = 9500 mg/m <sup>3</sup>

Components	Argentina	Brazil	Chile	Venezuela	Chile Prohibited Substances List
ETHYL ALCOHOL (DENATURED) (10-20%) 64-17-5	1000 ppm (TWA)	1480 mg/m <sup>3</sup> (TWA) 780 ppm (TWA)	1500 mg/m <sup>3</sup> (TWA) 800 ppm (TWA)	TWA = 1000 ppm	N/A

**Company:** Johnson & Johnson**Product code:** JJCFRPR005060**Product name:** Citrus Listerine Mouthwash (in bottle up to 2.1 liters)**Page 3 of 7**

## Exposure controls / personal protection

<b>Engineering controls:</b>	Ensure adequate ventilation.
<b>Respiratory protection:</b>	None required.
<b>Hand protection:</b>	Protective gloves recommended when manufacturing product.
<b>Eye protection:</b>	Eye and face protection recommended when manufacturing product.
<b>Skin and body protection</b>	Skin protection recommended when manufacturing product.
<b>Environmental exposure controls</b>	No information available

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General Information

<b>Physical state:</b>	liquid
<b>Appearance:</b>	Non-viscous liquid
<b>Colour:</b>	orange
<b>Odour:</b>	Characteristic Odour

### Important Health Safety and Environmental Information

<b>Flash point:</b>	91.4 °F 33 °C	<b>Boiling point/range:</b>	No information available
<b>pH:</b>	4.1 - 4.3		
<b>Flammability (solid, gas):</b>	No information available		
<b>Explosive properties:</b>	No information available		
<b>Oxidising properties:</b>	No information available		
<b>Vapor pressure:</b>	No information available		
<b>Density (20/4):</b>	No information available		
<b>Bulk density:</b>	1.02 g/mL		
<b>Water solubility:</b>	No information available		
<b>Solubility in other solvents:</b>	No information available		
<b>Partition coefficient (n-octanol/water):</b>	No information available		
<b>Viscosity:</b>	No information available		
<b>Vapor density:</b>	No information available		
<b>Evaporation rate:</b>	No information available		

### Other information

<b>Autoignition temperature:</b>	No information available	<b>Melting point/range:</b>	No information available
<b>Miscibility</b>	No information available		
<b>Fat solubility (g/l)</b>	No information available		
<b>Volume resistivity or conductivity:</b>	No information available		
<b>Gas Group</b>	No information available		

## 10. STABILITY AND REACTIVITY

<b>Chemical stability:</b>	Stable under recommended storage conditions.
<b>Materials to avoid:</b>	Oxidising agents. alkali metals
<b>Conditions to avoid:</b>	Keep away from heat and sources of ignition
<b>Hazardous polymerisation:</b>	Hazardous polymerisation does not occur.
<b>Possibility of hazardous reactions:</b>	No information available

## 10. STABILITY AND REACTIVITY

**Hazardous decomposition products:** None.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

**Eye contact** May cause eye irritation.

**Skin contact** Not expected to cause skin irritation.  
Not expected to cause skin sensitization.

**Ingestion** Chronic ingestion of ethanol has been associated with an increased incidence of cancer, liver cirrhosis, and, if ingested during pregnancy, adverse effects on the developing foetus.

**Inhalation** May cause irritation of respiratory tract.

Components	LD50 Oral	LD50 Dermal	LC50 (mg/m <sup>3</sup> ) Inhalation	LC50 (ppm) Inhalation
ETHYL ALCOHOL (DENATURED) (10-20%) 64-17-5	= 7060 mg/kg Rat			

### Sub-Chronic/Chronic Toxicity

No repeat dose data available.

**Target Organ(s)** Not available.

**Reproductive effects** Not available.

**Developmental effects** Not available.

**Carcinogenic effects**

Components	ACGIH	IARC	OSHA	NTP
ETHYL ALCOHOL (DENATURED) (10-20%) 64-17-5		1		X

**Genotoxic effects** Not available.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

**Company:** Johnson & Johnson  
**Product name:** Citrus Listerine Mouthwash (in bottle up to 2.1 liters)

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## 12. ECOLOGICAL INFORMATION

**Ecotoxicity effects:** No data is available on the product itself.  
**Aquatic toxicity effects:** No data is available on the product itself.

**Mobility:** No information available  
**Persistence / degradability:** No information available  
**Bioaccumulation:** No information available  
**Degradation:** No information available

## 13. DISPOSAL CONSIDERATIONS

**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.

**Contaminated packaging:** None.

## 14. TRANSPORT INFORMATION

Product not regulated by DOT, IATA/ICAO, IMO/IMDG, ADR/RID, or TDG.

## 15. REGULATORY INFORMATION

The product is classified and labelled in accordance with Directive 1999/45/EC

**Indication of danger:** Xi - Irritant.

Xi



### **R -phrase(s)**

R10 - Flammable.  
R36 - Irritating to eyes.

### **S -phrase(s)**

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S 2 - Keep out of reach of children.  
S46 - If swallowed, seek medical advice immediately and show this container or label.

## 16. OTHER INFORMATION

**This data sheet contains changes from the previous version in section(s):**  
Changes since the last publication are highlighted in red followed by three asterisks (\*\*\*)

**Restrictions on use:** No information available  
**Additional advice:** Consult your supplier if the material is to be used for special applications such as in the food industry or for hygiene, medical or surgical end-use.

### **Full text of R-phrases referred to under sections 2 and 3**

R11 - Highly flammable.

**Company:** Johnson & Johnson  
**Product name:** Citrus Listerine Mouthwash (in bottle up to 2.1 liters)

**Product code:** JJCFRPR005060  
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**MSDS Format:  
Regulation**

European Format

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006

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**End of Safety Data Sheet**