

## Material Safety Data Sheet

Product code: JJCUS-LIS11410-113

Revision date: 05-15-2009

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

**Supplier:**

Johnson and Johnson Consumer Companies, Inc.  
199 Grandview Road  
Distributor  
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® WHITENING® PLUS RESTORING FLUORIDE RINSE

**Product code:** JJCUS-LIS11410-113

**Formula:** #W016142-0007

**Identified use:** For external use only.

### 2. HAZARDS IDENTIFICATION

**Emergency overview:** Avoid contact with eyes. May be harmful if swallowed.

**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 not a controlled product under WHMIS

**Principle routes of exposure:**

**Eye Contact:** Contact with eyes may cause irritation.

**Skin contact:** No effects expected.

**Ingestion:** Ingestion of larger amounts may cause depression 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

Components	CAS Number	Synonyms	Weight %
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HYDROGEN PEROXIDE SOLUTION	7722-84-1		1-5
ETHYL ALCOHOL (DENATURED)	64-17-5		10-20

### 4. FIRST AID MEASURES

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

### 5. FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	Use any extinguishing media which is suitable for the surrounding fire.
<b>Extinguishing media which must not be used for safety reasons:</b>	None.
<b>Special protective equipment for firefighters:</b>	Wear self-contained breathing apparatus for fire fighting if necessary.
<b>Specific methods:</b>	None.

### 6. ACCIDENTAL RELEASE MEASURES

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

### 7. HANDLING AND STORAGE

<b>Handling:</b>	
<b>Technical measures/precautions:</b>	No special technical protective measures required.
<b>Safe handling advice:</b>	None under normal processing.
<b>Storage:</b>	
<b>Technical measures/storage conditions:</b>	Store according to labeled instructions.
<b>Incompatible products:</b>	No special restrictions on storage with other products.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components	ACGIH (TWA - 8hr)	ACGIH (STEL)	ACGIH (Ceiling)	Skin Absorption	OSHA (TWA - 8hr)	OSHA (Ceiling)	OSHA (STEL)
HYDROGEN PEROXIDE SOLUTION (1-5%) 7722-84-1	1 ppm				1 ppm 1.4 mg/m <sup>3</sup>		
ETHYL ALCOHOL (DENATURED) (10-20%) 64-17-5	1000 ppm				1000 ppm 1900 mg/m <sup>3</sup>		

<b>Engineering controls:</b>	Ensure adequate ventilation.
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### Personal protective equipment

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General Information

<b>Physical state:</b>	Liquid
<b>Appearance:</b>	Clear Blue Liquid
<b>Color:</b>	Blue
<b>Odor:</b>	Mint-like
<b>Flavor:</b>	Mint Flavor

### 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>	3.5	<b>Water solubility:</b>	Soluble

### Other information

<b>Explosivity:</b>	None.
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## 10. STABILITY AND REACTIVITY

<b>Chemical stability:</b>	Stable under recommended storage conditions.
<b>Materials to avoid:</b>	None known
<b>Conditions to avoid:</b>	None known.
<b>Hazardous polymerization:</b>	Hazardous polymerization does not occur.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

**Eye contact**      May cause eye irritation.      **Method**      Based on component data.

**Skin contact**      Not available.

**Ingestion**      Ingestion of large amounts of this material may cause dizziness, nervousness, drowsiness, lightheadedness, and gastrointestinal disturbances.

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

Components	LD50 Oral	LD50 Dermal	LC50 (mg/m <sup>3</sup> ) Inhalation	LC50 (ppm) Inhalation
HYDROGEN PEROXIDE SOLUTION (1-5%) 7722-84-1	= 801 mg/kg Rat	= 2000 mg/kg Rabbit = 4060 mg/kg Rat		
ETHYL ALCOHOL (DENATURED) (10-20%) 64-17-5	= 7060 mg/kg Rat			

### 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
HYDROGEN PEROXIDE SOLUTION (1-5%) 7722-84-1	A3			
ETHYL ALCOHOL (DENATURED) (10-20%) 64-17-5		1		

**Genotoxic effects**      Not available.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

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

**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**

Components	SARA 313	SARA 302	CERCLA	CEPA
HYDROGEN PEROXIDE SOLUTION		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
HYDROGEN PEROXIDE SOLUTION (1-5%)	7722-84-1	Listed	Listed	Listed	Listed
ETHYL ALCOHOL (DENATURED) (10-20%)	64-17-5	Listed	Listed	Listed	Listed

**International Inventories**

Components	TSCA	DSL	NDSL
HYDROGEN PEROXIDE SOLUTION (1-5%)	X	X	Not Listed
ETHYL ALCOHOL (DENATURED) (10-20%)	X	X	Not Listed

**WHMIS:**

**WHMIS trade secret:** None.  
**WHMIS hazard class:** None.

**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**

## 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**