MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Pfizer Consumer Healthcare
Pfizer Inc
201 Tabor Road
Morris Plains, New Jersey 07950

Trade names LISTERINE®
Product name Listerine® Antiseptic-Coolmint
Therapeutic use Prevention of plaque, gingivitis and bad breath
Description Blue Liquid

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thymol*</td>
<td>89-83-8</td>
<td>0.064%</td>
</tr>
<tr>
<td>Eucalyptol</td>
<td>470-82-6</td>
<td>0.092%</td>
</tr>
<tr>
<td>Methyl salicylate</td>
<td>119-36-8</td>
<td>0.060%</td>
</tr>
<tr>
<td>Menthol*</td>
<td>89-78-1</td>
<td>0.042%</td>
</tr>
<tr>
<td>Deionized water</td>
<td>7732-18-5</td>
<td>&gt;50%</td>
</tr>
<tr>
<td>Ethanol*</td>
<td>64-17-5</td>
<td>21.6%</td>
</tr>
<tr>
<td>Sorbitol solution</td>
<td>50-70-4</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Flavor</td>
<td>Not assigned</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Poloxamer 407</td>
<td>9003-11-6</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Benzoic Acid*</td>
<td>65-85-0</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Sodium saccharin USP*</td>
<td>128-44-9</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Sodium benzoate</td>
<td>532-32-1</td>
<td>Proprietary</td>
</tr>
<tr>
<td>FD&amp;C Green No. 3*</td>
<td>2353-45-9</td>
<td>Proprietary</td>
</tr>
</tbody>
</table>

Note: Ingredient(s) indicated as hazardous have been assessed under US OSHA Hazard Communication Standard for workplace safety (29 CFR 1910.1200).

SECTION 3 - HAZARDS IDENTIFICATION

Signal word CAUTION!
SECTION 3 - HAZARDS IDENTIFICATION

Statements of hazard

FLAMMABLE!

MAY CAUSE EYE AND RESPIRATORY TRACT IRRITATION.

THIS PRODUCT CONTAINS ETHANOL WHICH CAN CAUSE LIVER CHANGES, CENTRAL NERVOUS SYSTEM EFFECTS, AND BIRTH DEFECTS IN THE DEVELOPING FETUS.

Eye effects

May cause eye irritation.

Skin effects

Not a skin irritant.

Inhalation effects

May cause respiratory tract irritation. Exposure to high concentrations may cause irritation, headache, drowsiness and symptoms of drunkenness. An Occupational Exposure Limit has been established for one or more of the ingredients (see Section 8).

Ingestion effects

Ingestion of large quantities may cause headache, dizziness, nausea, vomiting, diarrhea, dehydration, and symptoms of drunkenness. See 'Statements of hazard' and/or 'Other potential health effects' in this section.

Other potential health effects

Chronic ingestion of ethanol has been associated with an increased incidence of cancer, liver cirrhosis, and congenital malformations.

Additional data

For a more detailed discussion of potential health hazards and toxicity see Section 11.

NOTE:

This document has been prepared in accordance with the US OSHA Hazard Communication Standard, which requires the inclusion of all known hazards of the product or its ingredients regardless of the potential risk. The precautionary statements and warnings included may not apply in all cases. Your needs may vary depending upon the potential for exposure in your workplace. If your workplace is regulated by OSHA, this document must be used as a part of a complete hazard-training program.

SECTION 4 - FIRST AID MEASURES

Eyes

Immediately flush eyes with water for at least 15 minutes. If irritation occurs or persists, get medical attention.

Skin

Remove clothing and wash affected skin with soap and water. If irritation occurs or persists, get medical attention.

Inhalation

Remove to fresh air. If discomfort persists, get medical attention.

Ingestion

Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person. Seek medical assistance if symptoms occur or persist.
SECTION 5 - FIRE FIGHTING MEASURES

General hazard
Flammable. Vapors are heavier than air and can travel to a source of ignition and flash back. Vapors may form explosive mixture with air.

Fire fighting instructions
Wear approved positive pressure, self-contained breathing apparatus and full protective turn out gear.

Extinguishing media
Use carbon dioxide, sand, extinguishing powder. Do not use water.

Flash point
33°C (<100°F)

Hazardous combustion products
Emits fumes of carbon dioxide, nitrogen oxides, and hydrogen cyanide.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

General
Review Sections 3, 8 and 12 before proceeding with clean up.

Small spill
Use non-combustible absorbent material to wipe up spill and place in a sealed container for disposal. Clean spill area thoroughly.

Large spill
Contain the source of the spill or leak if it is safe to do so. Collect spill with a non-combustible absorbent material and transfer to labeled container for disposal. Close container and move it to a secure holding area.

SECTION 7 - HANDLING AND STORAGE

General handling
Keep away from heat. Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Avoid contact with skin and clothing. Avoid breathing vapor or mist.

Storage conditions
Keep container tightly closed when not in use. Store in a cool, dry area.
Keep away from heat, sparks, flame, and other sources of ignition.

Temperature range for storage
Store as directed by product packaging.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits

<table>
<thead>
<tr>
<th>Compound</th>
<th>Issuer</th>
<th>Type</th>
<th>OEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>ACGIH</td>
<td>TWA-8 Hr</td>
<td>1000 ppm</td>
</tr>
<tr>
<td></td>
<td>OSHA</td>
<td>TWA-8 Hr</td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

Ventilation
Keep airborne contamination levels below the exposure limits listed above in this section. Engineering controls should be used as the primary means to control exposures.
SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye protection
Not required for the normal use of this product. Wear safety glasses or goggles if eye contact is possible.

Skin protection
Not required for the normal use of this product. Use protective clothing (lab coats, disposable coveralls, etc.) in both production and laboratory areas.

Hand protection
Not required for the normal use of this product. Wear protective gloves when working with large quantities.

Respiratory protection
Not required for the normal use of this product. If the applicable Occupational Exposure Limit (OEL) is exceeded, wear an appropriate respirator with a protection factor sufficient to control exposures to below the OEL.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical form
Liquid

Color
Blue

Molecular weight
Mixture

Molecular formula
Mixture

pH
4.2 at 20°C

Melting point
Not applicable

Water solubility
Soluble

Solvent solubility
Soluble in alcohol

SECTION 10 - STABILITY AND REACTIVITY

Reactivity
Stable

Conditions to avoid
Avoid direct sunlight, conditions that might generate heat, and sources of ignition.

Incompatibilities
None known.

Hazardous decomposition products
None known

Hazardous polymerization
Not expected to occur
SECTION 11 - TOXICOLOGY INFORMATION

Toxicology summary
The information included in this section describes the potential hazards of the individual ingredients.

Acute toxicity

<table>
<thead>
<tr>
<th>Compound</th>
<th>Type</th>
<th>Route</th>
<th>Species</th>
<th>Dosage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>LD₅₀</td>
<td>Oral</td>
<td>Rat</td>
<td>7,060 mg/kg</td>
</tr>
<tr>
<td></td>
<td>LC₅₀</td>
<td>Inhalation</td>
<td>Rat</td>
<td>20,000 ppm</td>
</tr>
<tr>
<td>Benzoic Acid</td>
<td>LD₅₀</td>
<td>Oral</td>
<td>Rat</td>
<td>2350 mg/kg</td>
</tr>
<tr>
<td>Sodium benzoate</td>
<td>LD₅₀</td>
<td>Oral</td>
<td>Rat</td>
<td>4,070 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Mouse</td>
<td>1,600 mg/kg</td>
</tr>
</tbody>
</table>

Eye
Not determined for this product. May cause moderate eye irritation based on components.

Skin
Not expected to cause skin irritation

Inhalation
Not determined for this product. However, moderate irritation may occur based on effects of individual components.

Ingestion
Not determined for this product. See Acute toxicity table.

Mutagenicity
Not determined for this product.

Subchronic effects
Not determined for this product.

Chronic toxicity
Chronic ingestion of ethanol has been reported to be associated with an increased incidence of cancer, liver cirrhosis, and congenital malformations. However, occupational handling of this product is not expected to result in relevant exposures.

Chronic effects/carcinogenicity
IARC (International Agency for Research on Cancer) has classified Alcoholic Beverages as Group 1 (carcinogenic to humans). However, occupational handling of this product is not expected to result in relevant exposures.

Carcinogen status
Carcinogenicity of the mixture has not been determined. Alcohol is listed as a carcinogen by IARC. The IARC monograph examines the carcinogenic potential of ethanol only as an alcoholic beverage. No other components are listed as carcinogens by IARC, US OSHA or NTP.

Reproductive effects
Not determined for this product.

Teratogenicity
Not determined for this product. Developmental effects have been reported in humans and experimental animals given large doses of ethanol. However, occupational handling of this product is not expected to result in relevant exposures.

Target organs
Liver, Central nervous system
SECTION 12 - ECOLOGICAL INFORMATION

Environmental overview
The environmental characteristics of this material have not been fully evaluated. Releases to the environment should be avoided.

SECTION 13 - DISPOSAL INFORMATION

Disposal procedure
Waste materials may be classified as hazardous due to the low flash point. Treatment, storage, transportation and disposal must be in accordance with applicable national and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

General shipping instructions
Aqueous products containing ethanol at 24 percent or less are not subject to the requirements of the EU ADR, IATA, or IMDG. They are similarly exempt from US DOT requirements provided that they contain no less than 50 percent water.

SECTION 15 - REGULATORY INFORMATION

EU Classification
Irritant

EU Labelling
Xi

Risk phrases
R10 - Flammable.
R36 - Irritating to eyes.

Safety phrases
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36 - Wear suitable protective clothing.

Canadian WHMIS
Class B, Division 2 (flammable liquid)
Class D, Division 2, Subdivision B

EU Label Pictogram(s)

SECTION 16 - OTHER

Disclaimer
The information contained in this Material Safety Data Sheet is believed to be accurate, and while it is provided in good faith, it is without a warranty of any kind, express or implied.