

Product Number: 664AS  
Issuing Date: April 5, 2014

Revision Date: None

Product Name: Blue Mint Antiseptic Mouth Rinse  
Revision Number: 0



**VI·JON**<sup>®</sup>

## Safety Data Sheet

for Health and Beauty Products

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

#### Product identifier

Product Name: Blue Mint Antiseptic Mouth Rinse  
Item Number: 664AS

#### Other means of identification

Synonyms: None

#### Recommended use of the chemical and restrictions on use

Recommended Use: Mouthwash  
Uses advised against: No information available

#### Details of the supplier of the safety data sheet

##### **Supplier Address**

Vi-Jon Inc.  
8800 Page Avenue  
Saint Louis  
MO  
63114  
US  
Phone: 314-427-1000 (M-F 8am-4pm CST)  
Fax:3144271010

Emergency telephone number Chemtrec: 1-800-424-9300 (24-Hour)

## 2. HAZARDS IDENTIFICATION FOR INDUSTRIAL SETTING


### Classification

This product contains a chemical or chemicals considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122).

Flammable liquids

Category 3

### GHS Label elements, including precautionary statements

| Signal word  | Emergency Overview   | Warning                      |
|--|--|------------------------------|
|  | <p><b>Hazard statements</b><br/>Flammable liquid and vapor</p>  |                              |
| <b>Appearance</b> Clear, Green-blue, Water thin liquid | <b>Physical State</b> Water thin liquid  | <b>Odor</b> Medicinal, Minty |

### **Precautionary Statements - Prevention**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
Keep container tightly closed  
Ground/bond container and receiving equipment  
Use explosion-proof electrical/ventilating/lighting/equipment  
Use only non-sparking tools  
Take precautionary measures against static discharge  
Wear protective gloves/protective clothing/eye protection/face protection

### **Precautionary Statements - Response**

Specific treatment (see supplemental first aid instructions on this label)

### **Fire**

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

### **Unknown Toxicity**

10.39573% of the mixture consists of ingredient(s) of unknown toxicity

### **Other information**

May cause slight eye irritation  
Prolonged or repeated contact may dry skin and cause irritation

### **Interactions with Other Chemicals**

No information available

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name            | CAS-No      | Weight % | Trade Secret |
|--------------------------|-------------|----------|--------------|
| Eucalyptol 0.092%        | 470-82-6    | 0-10     | *            |
| Menthol 0.042%           | 89-78-1     | 0-10     | *            |
| Methyl Salicylate 0.060% | 119-36-8    | 0-10     | *            |
| Thymol 0.064%            | 89-83-8     | 0-10     | *            |
| Water                    | 7732-18-5   | 50-100   | *            |
| Alcohol (21.6%)          | 64-17-5     | 10-50    | *            |
| Sorbitol Solution        | 50-70-4     | 0-10     | *            |
| Flavor                   | Proprietary | 0-10     | *            |
| Poloxamer 407            | 9003-11-6   | 0-10     | *            |
| Benzoic Acid             | 65-85-0     | 0-10     | *            |
| Sodium Saccharin         | 128-44-9    | 0-10     | *            |
| Sodium Benzoate          | 532-32-1    | 0-10     | *            |
| FD&C Green No. 3         | 2353-45-9   | 0-10     | *            |

\* The exact percentage (concentration) of composition has been withheld as a trade secret

### 4. FIRST AID MEASURES

#### First aid measures

##### **Eye Contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if applicable, and continue flushing. If symptoms persist, call a physician.

##### **Skin Contact**

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

##### **Inhalation**

Move to fresh air. If symptoms persist, call a physician.

##### **Ingestion**

Do NOT induce vomiting. Clean mouth with water and afterwards drink plenty of water. If symptoms persist, call a physician.

##### **Protection of First-aiders**

Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination Use personal protective equipment as required. Wear personal protective clothing (see section 8).

#### Most important symptoms and effects, both acute and delayed

**Most Important Symptoms/Effects** No information available.

#### Indication of any immediate medical attention and special treatment needed

**Notes to Physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray. Alcohol-resistant foam.

### Unsuitable Extinguishing Media

CAUTION: Use of water spray when fighting fire may be inefficient.

### Specific Hazards Arising from the Chemical

Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**Uniform Fire Code** Flammable Liquid: I-C

### Hazardous Combustion Products

Carbon oxides.

### Explosion Data

**Sensitivity to Mechanical Impact** No

**Sensitivity to Static Discharge** Yes

### 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. Move containers from fire area if you can do it without risk.

## 6. ACCIDENTAL RELEASE MEASURES FOR INDUSTRIAL SETTING

### Personal precautions, protective equipment and emergency procedures

#### **Personal Precautions**

Ensure adequate ventilation. Use personal protective equipment. Evacuate personnel to safe areas. Refer to Section 8. Avoid contact with skin, eyes and clothing. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

#### **Other Information**

Ventilate the area.

### Environmental precautions

#### **Environmental Precautions**

Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

### Methods and material for containment and cleaning up

#### **Methods for Containment**

Prevent further leakage or spillage if safe to do so. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Stop spill from entering drains, sewers, streams, or waterways.

#### **Methods for Cleaning Up**

Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Take precautionary measures against static discharges.

## 7. HANDLING AND STORAGE FOR INDUSTRIAL SETTING

### Precautions for safe handling

**Handling** Handle in accordance with good industrial hygiene and safety practice. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions

### Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition. Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

**Incompatible Products** Strong oxidizing agents. Acids. Chlorinated compounds.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION FOR INDUSTRIAL SETTING

### Control parameters

#### Exposure Guidelines

| Chemical Name      | ACGIH TLV      | OSHA PEL   | NIOSH IDLH   |
|--------------------|----------------|--|--|
| Alcohol<br>64-17-5 | STEL: 1000 ppm | TWA: 1000 ppm<br>TWA: 1900 mg/m <sup>3</sup><br>(vacated) TWA: 1000 ppm<br>(vacated) TWA: 1900 mg/m <sup>3</sup> | IDLH: 3300 ppm 10% LEL<br>TWA: 1000 ppm<br>TWA: 1900 mg/m <sup>3</sup> |

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 Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992). See section 15 for national exposure control parameters.

### Appropriate engineering controls

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Tightly fitting safety goggles.

**Skin and Body Protection** Wear protective gloves/clothing. Long sleeved clothing. Chemical resistant apron. Impervious gloves. Antistatic boots

**Respiratory Protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Provide regular cleaning of equipment, work area and clothing. Wash hands before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

|   |                                      |                               |                          |
|---|--------------------------------------|-------------------------------|--------------------------|
| <b>Physical State</b>                         | Water thin liquid                    | <b>Odor</b>                   | Medicinal, Minty         |
| <b>Appearance</b>                             | Clear, Green-blue, Water thin liquid | <b>Odor Threshold</b>         | No information available |
| <b>Color</b>                                  | No information available             |                               |                          |
| <b><u>Property</u></b>                        | <b><u>Values</u></b>                 | <b><u>Remarks/ Method</u></b> |                          |
| <b>pH</b>                                     | 4.2                                  | None known                    |                          |
| <b>Melting/freezing point</b>                 | No data available                    | None known                    |                          |
| <b>Boiling Point/Range</b>                    | No data available                    | None known                    |                          |
| <b>Flash Point</b>                            | 34C / 93F                            | None known                    |                          |
| <b>Evaporation rate</b>                       | No data available                    | None known                    |                          |
| <b>Flammability (solid, gas)</b>              | No data available                    | None known                    |                          |
| <b>Flammability Limits in Air</b>             |                                      |                               |                          |
| <b>Upper flammability limit</b>               | No data available                    |                               |                          |
| <b>Lower flammability limit</b>               | No data available                    |                               |                          |
| <b>Vapor pressure</b>                         | No data available                    | None known                    |                          |
| <b>Vapor density</b>                          | No data available                    | None known                    |                          |
| <b>Specific Gravity</b>                       | No data available                    | None known                    |                          |
| <b>Water Solubility</b>                       | Miscible with water                  | None known                    |                          |
| <b>Solubility in other solvents</b>           | No data available                    | None known                    |                          |
| <b>Partition coefficient: n-octanol/water</b> |                                      | None known                    |                          |
| <b>Autoignition temperature</b>               | No data available                    | None known                    |                          |
| <b>Decomposition temperature</b>              | No data available                    | None known                    |                          |
| <b>Kinematic viscosity</b>                    | No data available                    | None known                    |                          |
| <b>Dynamic viscosity</b>                      | No data available                    | None known                    |                          |
| <b>Explosive Properties</b>                   | No data available                    |                               |                          |
| <b>Oxidizing Properties</b>                   | No data available                    |                               |                          |
| <b><u>Other Information</u></b>               |                                      |                               |                          |
| <b>Softening Point</b>                        | No data available                    |                               |                          |
| <b>VOC Content (%)</b>                        | No data available                    |                               |                          |
| <b>Particle Size</b>                          | No data available                    |                               |                          |
| <b>Particle Size Distribution</b>             | No data available                    |                               |                          |

## 10. STABILITY AND REACTIVITY FOR INDUSTRIAL SETTING

### Reactivity

No data available.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Hazardous Polymerization

Hazardous polymerization does not occur.

### Conditions to avoid

Heat, flames and sparks.

### Incompatible materials

None known.

### Hazardous Decomposition Products

Carbon oxides.

When used in accordance with the directions.

**11. TOXICOLOGICAL INFORMATION FOR INDUSTRIAL SETTING**

There is no data for this product. The information included in this section describes the potential hazards of the individual ingredients.

Information on likely routes of exposure

Product Information

**Inhalation**                                There is no data available for this product.  
**Eye Contact**                                There is no data available for this product.  
**Skin Contact**                                There is no data available for this product.  
**Ingestion**                                    There is no data available for this product.

Component Information

| Chemical Name                 | LD50 Oral           | LD50 Dermal                                     | LC50 Inhalation                     |
|-------------------------------|---------------------|---|-------------------------------------|
| Methyl Salicylate<br>119-36-8 | = 887 mg/kg ( Rat ) | > 5000 mg/kg ( Rabbit )<br>= 2500 mg/kg ( Rat ) | -                                   |
| Thymol<br>89-83-8             | = 980 mg/kg ( Rat ) | > 2000 mg/kg ( Rat )                            | -                                   |
| Alcohol<br>64-17-5            | -                   | -   | = 124.7 mg/L ( Rat ) 4 h            |
| Poloxamer 407<br>9003-11-6    | -                   | -   | = 320 mg/m <sup>3</sup> ( Rat ) 4 h |

Information on toxicological effects

**Symptoms**                                    No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Sensitization**                                No information available.

**Mutagenic Effects**                            No information available.

**Carcinogenicity**                            The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name                | ACGIH | IARC    | NTP | OSHA |
|------------------------------|-------|---------|-----|------|
| Sodium Saccharin<br>128-44-9 |       | Group 3 |     |      |

*IARC: (International Agency for Research on Cancer)  
 Group 3 - Not Classifiable as to Carcinogenicity in Humans*

**Reproductive Toxicity**                    No information available.  
**STOT - single exposure**                    No information available.  
**STOT - repeated exposure**                No information available.  
**Chronic Toxicity**                            No information available.  
**Target Organ Effects**                      No information available.  
**Aspiration Hazard**                         No information available.

Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (inhalation-dust/mist)**

661.20 mg/L

## 12. ECOLOGICAL INFORMATION FOR INDUSTRIAL SETTING

There is no ecological data on the Product. The Product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

### Ecotoxicity

No information available.

### Persistence and Degradability

No information available.

### Bioaccumulation

No information available.

### Other Adverse Effects

No information available.

## 13. DISPOSAL CONSIDERATIONS FOR INDUSTRIAL SETTING

### Waste treatment methods

#### Waste Disposal Methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

#### Contaminated Packaging

Dispose of in accordance with local regulations.

California Hazardous Waste Codes 331

| Chemical Name      | California Hazardous Waste |
|--------------------|----------------------------|
| Alcohol<br>64-17-5 | Toxic<br>Ignitable         |

## 14. TRANSPORT INFORMATION

|                      |               |
|----------------------|---------------|
| DOT                  | Not regulated |
| Proper Shipping Name | Non regulated |
| Hazard Class         | N/A           |
| TDG                  | Not regulated |
| MEX                  | Not regulated |
| ICAO                 | Not regulated |
| IATA                 | Not regulated |
| Proper Shipping Name | Non regulated |
| Hazard Class         | N/A           |
| IMDG/IMO             | Not regulated |
| Hazard Class         | N/A           |
| RID                  | Not regulated |
| ADR                  | Not regulated |
| ADN                  | Not regulated |



**15. REGULATORY INFORMATION FOR INDUSTRIAL SETTING**

**International Inventories**

TSCA Exempt  
 DSL All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**U.S. 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

**Clean Water Act**

This product contains the following ingredients regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

| Chemical Name           | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|-------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Benzoic Acid<br>65-85-0 | 5000 lb                     |                        |                           | X                          |

**CERCLA**

This material, as supplied, contains the following ingredients regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

| Chemical Name           | Hazardous Substances RQs | Extremely Hazardous Substances RQs | RQ   |
|-------------------------|--------------------------|------------------------------------|--|
| Benzoic Acid<br>65-85-0 | 5000 lb                  |                                    | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |

**U.S. State Regulations**

**California Proposition 65 - NONE**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

| Chemical Name      | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|--------------------|------------|---------------|--------------|--------------|----------|
| Alcohol<br>64-17-5 | X          | X             | X            | X            |          |

**International Regulations**

Mexico - Grade No information available.

**National occupational exposure limits**

| Chemical Name | Carcinogen Status | Exposure Limits  |
|---------------|-------------------|--|
| Alcohol       |                   | Mexico: TWA 1000 ppm<br>Mexico: TWA 1900 mg/m <sup>3</sup> |

Canada

WHMIS Hazard Class  
 B2



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## 16. OTHER INFORMATION

|             |                 |                |                   |   |
|-------------|-----------------|----------------|-------------------|---|
| <b>NFPA</b> | Health Hazard 1 | Flammability 2 | Instability 0     | <b>Physical and Chemical Hazards - None</b> |
| <b>HMIS</b> | Health Hazard 1 | Flammability 2 | Physical Hazard 0 | <b>Personal Protection X</b>                |

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Revision Note None

### General Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Approved and Updated by Vi-Jon, Inc.

### Disclaimer:

The information and recommendations contained in the Safety Data Sheet (SDS) are supplied pursuant to 29 CFR 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. The information and recommendations set forth herein are presented in good faith and believed to be correct as of this date hereof.

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**End of Safety Data Sheet**