



# Safety Data Sheet

Issue Date: 23-Jul-2015

Revision Date: 24-Jul-2015

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Pediaprep™

### Other means of identification

**SDS #** MD0033

**Product Code** MD0033

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

**Recommended Use** Skin Cleanser.

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

#### **Supplier Address**

Mavidon Medical Products  
1820 2nd Avenue North  
Lake Worth, FL 33461 USA

### Emergency Telephone Number

**Company Phone Number** 561-585-2227  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Purple gel

**Physical State** Gel

**Odor** Peppermint

### Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name              | CAS No      | Weight-% |
|----------------------------|-------------|----------|
| Water                      | 7732-18-5   | Balance  |
| Pumice                     | 1332-09-8   | <6       |
| 1,2 Propanediol            | 57-55-6     | <6       |
| Aluminum Oxide             | 1344-28-1   | <5       |
| Germaben II (Preservative) | Proprietary | <2       |
| Potassium Chloride         | 7447-40-7   | <1       |
| Caustic Soda               | 1310-73-2   | <1       |
| EDTA                       | 143-19-1    | <1       |
| Carbomer                   | 9003-01-4   | <1       |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

## 4. FIRST-AID MEASURES

### First Aid Measures

|                       |  |
|-----------------------|--|
| <b>General Advice</b> | Provide this SDS to medical personnel for treatment.   |
| <b>Eye Contact</b>    | Avoid rubbing eyes. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| <b>Skin Contact</b>   | Any persistent redness, soreness, burning, itching or swelling of skin should be reported immediately to a physician.  |
| <b>Inhalation</b>     | Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately.   |
| <b>Ingestion</b>      | Do not induce vomiting. If vomiting occurs, keep head low so that stomach content does not get into the lungs. Get medical attention if necessary. Do not induce vomiting without medical advice.  |

### Most important symptoms and effects

|                 |                 |
|-----------------|-----------------|
| <b>Symptoms</b> | Not determined. |
|-----------------|-----------------|

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

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Water spray, carbon dioxide (CO<sub>2</sub>), dry chemical, alcohol foam.

**Unsuitable Extinguishing Media** Not determined.

### Specific Hazards Arising from the Chemical

Closed containers may explode due to buildup of pressure when exposed to extreme heat.

**Hazardous Combustion Products** Carbon, hydrogen, and oxygen. Smoke, fumes or vapors, and oxides of carbon.

### 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. Water may be used to cool containers to prevent pressure build up.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

|                                  |   |
|----------------------------------|---|
| <b>Personal Precautions</b>      | Use personal protective equipment as required.            |
| <b>Environmental Precautions</b> | Do not flush into surface water or sanitary sewer system. |

### Methods and material for containment and cleaning up

|                                |  |
|--------------------------------|--|
| <b>Methods for Containment</b> | Prevent further leakage or spillage if safe to do so. For small spills, absorb on polypads or other suitable non-reactive absorbent materials.                                     |
| <b>Methods for Clean-Up</b>    | All spills - confine spill, soak up with approved absorbent, and shovel product into an approved container for disposal. Flush area with water. Recover flush for proper disposal. |

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes. Protect container from physical damage.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Protect from extreme temperatures. Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Materials** Strong oxidizing agents. No information available.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

| Chemical Name               | ACGIH TLV                                    | OSHA PEL   | NIOSH IDLH   |
|-----------------------------|--|--|--|
| Aluminum Oxide<br>1344-28-1 | TWA: 1 mg/m <sup>3</sup> respirable fraction | TWA: 15 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable fraction<br>(vacated) TWA: 10 mg/m <sup>3</sup> total dust<br>(vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction | -  |
| Caustic Soda<br>1310-73-2   | Ceiling: 2 mg/m <sup>3</sup>                 | TWA: 2 mg/m <sup>3</sup><br>(vacated) Ceiling: 2 mg/m <sup>3</sup>   | IDLH: 10 mg/m <sup>3</sup><br>Ceiling: 2 mg/m <sup>3</sup> |

### Appropriate engineering controls

**Engineering Controls** Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS.

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

**Eye/Face Protection** Goggles.

**Skin and Body Protection** Refer to 29 CFR 1910.138 for appropriate skin and body protection.

**Respiratory Protection** None required; however, if misting occurs, NIOSH approved respirator capable of removing particulate from air must be worn. Respiratory protection must be provided in accordance with OSHA regulations (29 CFR 1910.134) or European Standard EN 149, as applicable.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                                     |                 |                         |                |
|-------------------------------------|-----------------|-------------------------|----------------|
| <b>Physical State</b>               | Gel             | <b>Odor</b>             | Peppermint     |
| <b>Appearance</b>                   | Purple gel      | <b>Odor Threshold</b>   | Not determined |
| <b>Color</b>                        | Purple          |                         |                |
| <b>Property</b>                     | <b>Values</b>   | <b>Remarks • Method</b> |                |
| <b>pH</b>                           | 7.0-7.5         |                         |                |
| <b>Melting Point/Freezing Point</b> | Not determined  |                         |                |
| <b>Boiling Point/Boiling Range</b>  | 100 °C / 212 °F |                         |                |
| <b>Flash Point</b>                  | Not determined  |                         |                |
| <b>Evaporation Rate</b>             | < 1             | (Water = 1)             |                |

|                                     |                |                 |
|-------------------------------------|----------------|-----------------|
| <b>Flammability (Solid, Gas)</b>    | Not determined |                 |
| <b>Upper Flammability Limits</b>    | Not applicable |                 |
| <b>Lower Flammability Limit</b>     | Not applicable |                 |
| <b>Vapor Pressure</b>               | 17mm/Hg        | @ 68°F (20 ° C) |
| <b>Vapor Density</b>                | >1             | (Air=1)         |
| <b>Specific Gravity</b>             | 1.1-1.15       |                 |
| <b>Water Solubility</b>             | Emulsifiable   |                 |
| <b>Solubility in other solvents</b> | Not determined |                 |
| <b>Partition Coefficient</b>        | Not determined |                 |
| <b>Auto-ignition Temperature</b>    | Not determined |                 |
| <b>Decomposition Temperature</b>    | Not determined |                 |
| <b>Kinematic Viscosity</b>          | Not determined |                 |
| <b>Dynamic Viscosity</b>            | Not determined |                 |
| <b>Explosive Properties</b>         | Not determined |                 |
| <b>Oxidizing Properties</b>         | Not determined |                 |

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### 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

Keep out of reach of children. Extreme temperatures. Open flames. Contact with incompatible materials.

### Incompatible Materials

Strong oxidizing agents. No information available.

### Hazardous Decomposition Products

Decomposition will not occur if handled and stored properly. In case of fire, oxides of carbon, hydrocarbons, fumes or vapors, and smoke may be produced.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

|                     |  |
|---------------------|--|
| <b>Eye Contact</b>  | Avoid contact with eyes.                                 |
| <b>Skin Contact</b> | Not applicable.  |
| <b>Inhalation</b>   | May cause irritation of respiratory tract.               |
| <b>Ingestion</b>    | Harmful if swallowed. May cause discomfort if swallowed. |

### Component Information

| Chemical Name               | Oral LD50            | Dermal LD50 | Inhalation LC50 |
|-----------------------------|----------------------|-------------|-----------------|
| Aluminum Oxide<br>1344-28-1 | > 5000 mg/kg ( Rat ) | -           | -               |

|                            |                       |                          |   |
|----------------------------|-----------------------|--------------------------|---|
| Germaben II (Preservative) | = 20000 mg/kg ( Rat ) | = 20800 mg/kg ( Rabbit ) | - |
| Carbomer<br>9003-01-4      | = 2500 mg/kg ( Rat )  | -                        | - |

### Information on physical, chemical and toxicological effects

#### Symptoms

Please see section 4 of this SDS for symptoms.

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

#### Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen. Group 3 IARC components are "not classifiable as human carcinogens".

| Chemical Name         | ACGIH | IARC    | NTP | OSHA |
|-----------------------|-------|---------|-----|------|
| Carbomer<br>9003-01-4 |       | Group 3 |     |      |

*IARC (International Agency for Research on Cancer)*

*Group 3 IARC components are "not classifiable as human carcinogens"*

### Numerical measures of toxicity

Not determined

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

| Chemical Name                   | Algae/aquatic plants  | Fish  | Toxicity to microorganisms | Crustacea  |
|---------------------------------|---|---|----------------------------|--|
| 1,2 Propanediol<br>57-55-6      | 19000: 96 h<br>Pseudokirchneriella<br>subcapitata mg/L EC50 | 51400: 96 h Pimephales<br>promelas mg/L LC50 static<br>710: 96 h Pimephales<br>promelas mg/L LC50 51600:<br>96 h Oncorhynchus mykiss<br>mg/L LC50 static 41 - 47: 96<br>h Oncorhynchus mykiss<br>mL/L LC50 static |                            | 1000: 48 h Daphnia magna<br>mg/L EC50 Static 10000: 24<br>h Daphnia magna mg/L<br>EC50 |
| Germaben II (Preservative)      | 19000: 96 h<br>Pseudokirchneriella<br>subcapitata mg/L EC50 | 51400: 96 h Pimephales<br>promelas mg/L LC50 static<br>710: 96 h Pimephales<br>promelas mg/L LC50 51600:<br>96 h Oncorhynchus mykiss<br>mg/L LC50 static 41 - 47: 96<br>h Oncorhynchus mykiss<br>mL/L LC50 static |                            | 1000: 48 h Daphnia magna<br>mg/L EC50 Static 10000: 24<br>h Daphnia magna mg/L<br>EC50 |
| Potassium Chloride<br>7447-40-7 | 2500: 72 h Desmodosmus<br>subspicatus mg/L EC50             | 1060: 96 h Lepomis<br>macrochirus mg/L LC50<br>static 750 - 1020: 96 h<br>Pimephales promelas mg/L<br>LC50 static   |                            | 825: 48 h Daphnia magna<br>mg/L EC50 83: 48 h Daphnia<br>magna mg/L EC50 Static        |
| Caustic Soda<br>1310-73-2       |   | 45.4: 96 h Oncorhynchus<br>mykiss mg/L LC50 static  |                            |  |
| Carbomer<br>9003-01-4           |   | 580: 96 h Lepomis<br>macrochirus mg/L LC50  |                            | 168: 96 h water flea mg/L<br>EC50  |

### Persistence/Degradability

Not determined.

### Bioaccumulation

Not determined.

### Mobility

Not determined

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods**

|                               |   |
|-------------------------------|---|
| <b>Disposal of Wastes</b>     | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| <b>Contaminated Packaging</b> | Disposal should be in accordance with applicable regional, national and local laws and regulations. |

**California Hazardous Waste Status**

| Chemical Name             | California Hazardous Waste Status |
|---------------------------|-----------------------------------|
| Caustic Soda<br>1310-73-2 | Toxic<br>Corrosive                |

**14. TRANSPORT INFORMATION**

|             |   |
|-------------|---|
| <b>Note</b> | Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. |
| <b>DOT</b>  | Not regulated   |
| <b>IATA</b> | Not regulated   |
| <b>IMDG</b> | Not regulated   |

**15. REGULATORY INFORMATION****International Inventories**

| Chemical Name              | TSCA    | DSL | NDSL | EINECS  | ELINCS | ENCS    | IECSC | KECL    | PICCS | AICS |
|----------------------------|---------|-----|------|---------|--------|---------|-------|---------|-------|------|
| Water                      | Present | X   |      | Present |        |         | X     | Present | X     | X    |
| Pumice                     | Present | X   |      |         |        |         | X     | Present | X     | X    |
| 1,2 Propanediol            | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Aluminum Oxide             | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Germaben II (Preservative) | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Potassium Chloride         | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Caustic Soda               | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| EDTA                       | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Carbomer                   | Present | X   |      |         |        | Present | X     | Present | X     | X    |

**Legend:***TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS - Japan Existing and New Chemical Substances**IECSC - China Inventory of Existing Chemical Substances**KECL - Korean Existing and Evaluated Chemical Substances**PICCS - Philippines Inventory of Chemicals and Chemical Substances**AICS - Australian Inventory of Chemical Substances*

**US Federal Regulations****CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical Name             | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ)                  |
|---------------------------|--------------------------|----------------|---|
| Caustic Soda<br>1310-73-2 | 1000 lb                  |                | RQ 1000 lb final RQ<br>RQ 454 kg final RQ |

|  |     |
|--|-----|
| <b>Acute Health Hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | No  |
| <b>Fire Hazard</b>                       | No  |
| <b>Sudden Release of Pressure Hazard</b> | No  |
| <b>Reactive Hazard</b>                   | No  |

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical Name              | CAS No    | Weight-% | SARA 313 - Threshold Values % |
|----------------------------|-----------|----------|-------------------------------|
| Aluminum Oxide - 1344-28-1 | 1344-28-1 | <5       | 1.0                           |

**CWA (Clean Water Act)**

This product contains the following substances which are regulated 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 |
|---------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Caustic Soda  | 1000 lb                     |                        |                           | X                          |

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

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

| Chemical Name               | New Jersey | Massachusetts | Pennsylvania |
|-----------------------------|------------|---------------|--------------|
| 1,2 Propanediol<br>57-55-6  | X          |               | X            |
| Aluminum Oxide<br>1344-28-1 | X          | X             | X            |
| Germaben II (Preservative)  | X          |               | X            |
| Caustic Soda<br>1310-73-2   | X          | X             | X            |

**16. OTHER INFORMATION**

|                    |                       |                     |                         |                              |
|--------------------|-----------------------|---------------------|-------------------------|------------------------------|
| <b><u>NFPA</u></b> | <b>Health Hazards</b> | <b>Flammability</b> | <b>Instability</b>      | <b>Special Hazards</b>       |
|                    | Not determined        | Not determined      | Not determined          | Not determined               |
| <b><u>HMIS</u></b> | <b>Health Hazards</b> | <b>Flammability</b> | <b>Physical Hazards</b> | <b>Personal Protection</b>   |
|                    | 1                     | 1                   | 0                       | B- Safety Glasses,<br>Gloves |

**Issue Date:** 23-Jul-2015  
**Revision Date:** 24-Jul-2015  
**Revision Note:** New format

**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 a 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.

**End of Safety Data Sheet**