

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Medpride Hand Sanitizer 8oz/24/cs

Item Number: MPR-40888

Company: SHIELD LINE LLC, Suite 514, 1 University Plaza, Hackensack,
New Jersey, US, 07601

Phone Number: Tel: 201 624 2332 Toll free: 800 277 6533

Product Description: A gelled alcohol hand sanitizer with Aloe vera & vitamin E for hand washing to decrease bacteria on the skin.

2. HAZARDS IDENTIFICATION

Classification

| | |
|-------------------|------------|
| Flammable liquids | Category 3 |
|-------------------|------------|

Signal Word

Danger

Hazard Statements

Highly flammable liquid and vapor



Appearance Clear Gel

Physical State Gel

Odor Alcohol

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 equipment
- Use only non-sparking tools
- Take precautionary measures against static discharge
- Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

IN CASE OF FIRE: Use CO2, dry chemical, or foam for extinction



Precautionary Statements - Storage

Store in a well-ventilated place

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other Hazards

Dispose of contents/container to an approved

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No. | Weight-% | Trade Secret |
|------------------------------|----------------|-----------------|---------------------|
| Ethanol | 64-17-5 | 65-85 | * |
| Water | 7732-185 | 20-30 | * |
| Aloe Vera Leaf | 85507-693 | 0-5 | * |
| Alpha Tocopherol Acetate | 59-02-9 | 0-5 | * |
| Carbomer Interpolymer Type A | 9007-163 | 0-5 | * |
| Fragrance | ---- | 0-5 | * |
| Glycerin | 56-81-5 | 0-5 | * |
| Maltodextrin | 9050-36-6 | 0-5 | * |
| Propylene Glycol | 57-55-6 | 0-5 | * |
| Trolamine | 102-71-6 | 0-5 | * |

*the exact percentage(concentration) of the composition has been withheld as a trade secret.

4. FIRST AID AND MEASURES

First Aid Measures

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Skin Contact If skin irritation occurs, rinse affected area with water.

Inhalation Remove to fresh air.

Ingestion Dilute by giving a large amount of water. Call a physician or Poison Control Center.

Most important symptoms and effects

Symptoms Exposed individuals may experience eye tearing, redness and discomfort. May cause gastrointestinal disturbance. Inhalation may cause giddiness or loss of consciousness.



Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Carbon dioxide (CO₂). Alcohol resistant foam. Dry chemical.

Unsuitable Extinguishing Media: Not determined.

Specific Hazards A rising from the Chemical

Vapors may travel to source of ignition and flash back. Alcohol flames may be difficult to see; the flames are virtually colorless.

Hazardous Combustion Products: Carbon oxides.

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. Use cool water to cool equipment and to disperse vapors.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required.

Environmental Precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up Small spills (less than 1 gallon) may be washed down a drain with lots of water or cleaned up and disposed of into a sanitary sewer system.
Large spills (more than 1 gallon) should be contained and collected (by absorption [sand, clay, or other absorbent material] or vacuuming) then disposed of properly.



7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Use spark-proof tools and explosion-proof equipment. Ground/bond container and receiving equipment. Take precautionary measures against static discharges.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Do not contaminate food or feed stuffs. Do not reuse container. Keep out of the reach of children.

Incompatible Materials Strong oxidizers. Hydrogen peroxide. Bromine. Chromic acid.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guide lines

There is no exposure data pertaining to the Product. This section reflects exposure data pertaining to individual ingredients.

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---------------------|--------------------------|--|--|
| Ethanol 64-17-5 | STEL: 1000 ppm | TWA: 1000 ppm TWA: 1900 mg/m3 (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m3 | IDLH:3300ppm TWA:1000ppm TWA: 1900 mg/m3 |
| Glycerin 56-81-5 | TWA: 10 mg/m3 mist | TWA: 15 mg/m3 mist, total particulate mg/m3 mist, respirable fraction (vacated) TWA: 10 mg/m3 mist, total particulate (vacated) TWA: 5 mg/m3 mist, respirable fraction | --- |

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit

Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits

NIOSHIDLH: Immediately Dangerous to Life or Health



Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits.
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Avoid contact with eyes.

Skin and Body Protection No special technical protective measures are necessary.

Respiratory Protection No protective equipment is needed under normal use conditions.

General Hygiene Considerations Do not get in eyes. Keep away from food and drink

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | |
|------------------------|--------------------------|
| Physical State | Gel Appearance |
| Clear Gel Color | Transparent Odor |
| Alcohol | |
| Odor threshold | No information available |



| <u>Property</u> | <u>Value</u> | <u>Remarks/Method</u> |
|------------------------------|--------------------|-----------------------|
| pH | 6.0-8.0 | |
| Melting Point/Freezing Point | No data available | |
| Boiling Point/Boiling Range | 72 °C | |
| Flash Point | 23 °C | |
| Evaporation Rate | No data available | |
| Flammability (Solid, Gas) | No data available | |
| Upper Flammability Limits | No data available | |
| Lower Flammability Limit | No data available | |
| Vapor Pressure | No data available | |
| Vapor Density | No data available | |
| Specific Gravity | 0.858-0.882 | |
| Water Solubility | Completely soluble | |
| Solubility in other solvents | No data available | |
| Partition Coefficient | No data available | |
| Autoignition Temperature | No data available | |
| Decomposition Temperature | No data available | |
| Kinematic Viscosity | No data available | |
| Dynamic Viscosity | ≥6000mpa.s | |
| Explosive Properties | No data available | |
| Oxidizing Properties | No data available | |

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reaction s

None under normal processing.



Hazardous Polymerization: Hazardous polymerization does not occur.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

Strong oxidizers. Hydrogen peroxide. Bromine. Chromic acid.

Hazardous Decomposition Products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

| | |
|---------------------|---|
| Eye Contact | Avoid contact with eyes. |
| Skin Contact | Not expected to be a skin irritant during prescribed use. |
| Inhalation | Avoid breathing vapors or mists. |
| Ingestion | Do not taste or swallow. |

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|-----------------------------|---------------------|--------------------|------------------------|
| Ethanol 64-17-5 | = 7060 mg/kg (Rat) | --- | = 124.7 mg/L (Rat) 4 h |
| Glycerin 56-81-5 | = 12600 mg/kg (Rat) | >21900 mg/kg (Rat) | --- |
| Carbomer 9007-163 | = 2500 mg/kg (Rat) | --- | --- |
| Propylene Glycol 57-55-6 | >2 g/kg (Rat) | --- | --- |

Information on physical, chemical and toxicological effects

Symptoms Exposed individuals may experience eye tearing, redness and discomfort. May cause gastrointestinal disturbance. Inhalation may cause giddiness or loss of consciousness.



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

| | |
|---------------------------------|---|
| Carcinogenicity | Contains no ingredient classified as a carcinogen at reportable concentrations. |
| Sensitization | No data available |
| Mutagenic Effects | No data available |
| Reproductive Toxicity | No data available |
| STOT - single exposure | No data available |
| STOT - repeated exposure | No data available |
| Chronic Toxicity | No data available |
| Target Organ Effects | Eyes. Skin. |
| Aspiration Hazard | No data available |



Numerical measures of toxicity Not determined

No data available

12. ECOLOGICAL INFORMATION

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 data available

Persistence/Degradability No data available

Bioaccumulation No data available

Mobility No data available

Other Adverse Effects No data available

13. DISPOSAL CONSIDERATIONS

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

California Hazardous Waste Status

| Chemical Name | California Hazardous Waste Status |
|----------------------|--|
| Ethanol 64-17-5 | Toxic Ignitable |

14. TRANSPORT INFORMATION

DOT



UN No. UN1170
Proper Shipping Name Ethanol solution
Hazard Class 3
Packing Group II

TDG
UN No. UN1170
Proper Shipping Name Ethanol solution
Hazard Class 3
Packing Group II

MEX
UN No. UN1170
Proper Shipping Name Ethanol solution
Hazard Class 3
Packing Group II

IATA
UN No. UN1170
Proper Shipping Name Ethanol solution
Hazard Class 3
Packing Group II

IMDG
UN No. UN1170
Proper Shipping Name Ethanol solution
Hazard Class 3
Packing Group II

15. REGULATORY INFORMATION

International Inventories

No data available

US Federal Regulations

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.



US State Regulations

California Proposition 65

-None

This product does not contain any Proposition 65 chemicals.

U. S. State Right -to -K now Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|---------------------|------------|---------------|--------------|
| Ethanol 64-17-5 | X | X | X |
| Glycerin 56-81-5 | X | X | X |



16. OTHER INFORMATION

| | | | | |
|---------------------|--|--|---|---|
| <u>N FPA</u> | Health Hazards No data available | Flammability No data available | Instability No data available | Special Hazards No data available |
| <u>H MIS</u> | Health Hazards 0 | Flammability 3 | Physical Hazards 0 | Personal Protection 0 |

Issue Date: 2020-05-25

Revision Date: None

Revision Note: None

DISCLAIMER: This information relates onto to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. The information and recommendations contained herein are to the best of the manufacturer's knowledge and belief accurate and reliable as of the date indicated. No representation warranty or guarantee, however, is made with regards to accuracy, reliability or completeness. Conditions of use of the material are under the control of the user; therefore, it is the user's responsibility to satisfy itself as to the suitability and completeness of such information for its own particular use. Appropriate warnings and safe-handling procedures should be provided to handlers and users.