

## SAFETY DATA SHEET

According to GHS (Seventh Revised Edition)

### Section 1 Product and Company Identification

#### > Product Identifier

**Product Name** MedPride Antiseptic Alcohol Wipes 12/100/cs  
**Product Code** MPR-41055

#### > Details of the Supplier of the Safety Data Sheet

**Company Name** Shield Line LLC  
**Company Address** 1 University Plaza, Suite 514, Hackensack, NJ, USA  
**Company ZIP Code** 07601  
**Company Telephone** 201 624 2332  
**Company Fax** 201 942 4531  
**Company Website** www.shieldline.com

#### > Emergency Phone Number

##### Emergency Phone

**Number** 800 277 6533

### Section 2 Hazards Identification

**Hazard class and label elements of the product according to GHS (the seventh revised edition):**

#### > GHS Hazard Class

This product meets the definition of an article. Under the Globally Harmonized System of Classification and Labeling of Chemicals (GHS), "Articles" as defined in the Hazard Communication Standard (29 CFR 1910.1200) of the Occupational Safety and Health Administration of the United States of America, or by similar definition, are outside the scope of the system. [Rev. 7(2017) Part 1.3.2.1.1]

#### > GHS Label Elements

**Pictogram**

Not applicable

**Signal Word**                      **Not applicable**

**> Hazard Statements**

Not applicable

**> Precautionary Statements**

**Prevention**

Not applicable

**Response**

Not applicable

**Storage**

Not applicable

**Disposal**

Not applicable

**Section 3 Composition/Information on Ingredients**

<b>Component</b>	<b>Concentration (weight percent, %)</b>	<b>CAS No.</b>	<b>EC No.</b>
Ethanol	75	64-17-5	200-578-6
Water	23.3	7732-18-5	231-791-2
Benzalkonium chloride	0.2	63449-41-2	264-151-6
Propane-1,2-diol	0.2	57-55-6	200-338-0
2-phenoxyethanol	1	122-99-6	204-589-7
Methyl 4-hydroxybenzoate	0.1	99-76-3	202-785-7
Aloe extract	0.2	85507-69-3	287-390-8

**Section 4 First Aid Measures**

**> Description of First Aid Measures**

<b>General Advice</b>	Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.
<b>Skin Contact</b>	Generally there will be no irritation. Wash off with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.
<b>Ingestion</b>	Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.
<b>Inhalation</b>	If breathing is difficult, give oxygen. Do not use mouth to mouth resuscitation if victim ingested or inhaled the substance. If not breathing, give artificial respiration and consult a physician immediately.
<b>Protecting of First-aiders</b>	Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

**> Most Important Symptoms and Effects, both Acute and Delayed**

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- 1 Substance accumulation, in the human body, may occur and may cause some concern following repeated or long-term occupational exposure.

**> Indication of Any Immediate Medical Attention and Special Treatment Needed**

- 1 Treat symptomatically.
- 2 Symptoms may be delayed.

## Section 5 Fire Fighting Measures

**> Extinguishing Media**

**Suitable Extinguishing Media** Dry chemical, carbon dioxide, water spray, alcohol-resistant foam.

**Unsuitable Extinguishing Media** Do not use a solid water stream as it may scatter or spread fire.

**> Specific Hazards Arising from the Substance or Mixture**

- 1 Flammable solid which burns and propagates flame easily, even when partly wetted with water.
- 2 May burn fiercely.
- 3 Any source of ignition, i.e. friction, heat, sparks or flame, may cause fire.
- 4 Containers may explode when heated.
- 5 May expand or decompose when heated or involved in fire.

**> Advice for Firefighters**

- 1 As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.
- 2 Fight fire from a safe distance, with adequate cover.
- 3 Prevent fire extinguishing water from contaminating surface water or the ground water system.

## Section 6 Accidental Release Measure

**> Personal Precautions, Protective Equipment and Emergency Procedures**

- 1 Ensure adequate ventilation. Remove all sources of ignition.
- 2 Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
- 3 Use personal protective equipment. Avoid breathing vapours, mist, gas or dust.

**> Environmental Precautions**

- 1 Prevent further leakage or spillage if safe to do so.
- 2 Discharge into the environment must be avoided.

**> Methods and Materials for Containment and Cleaning Up**

- 1 Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding.
- 2 Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.
- 3 Remove all sources of ignition. Use spark-proof tools.

## Section 7 Handling and Storage

## > Precautions for Handling

- 1 To prevent fire caused by electrostatic discharge steam, equipment on all metal parts should be grounded.
- 2 Use explosion proof equipment.
- 3 Handling is performed in a well ventilated place.
- 4 Wear suitable protective equipment.
- 5 Avoid contact with eyes.
- 6 Keep away from heat/sparks/open flames/ hot surfaces.
- 7 Take precautionary measures against static discharges.

## > Precautions for Storage

- 1 Keep containers tightly closed.
- 2 Keep containers in a dry, cool and well-ventilated place.
- 3 Keep away from heat/sparks/open flames/ hot surfaces.
- 4 Store away from incompatible materials and foodstuff containers.

## Section 8 Exposure Controls/Personal Protection

### > Control Parameters

#### Occupational Exposure Limit Values

Component	Country/Region	Limit Value - Eight Hours		Limit Value - Short Term	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Ethanol 64-17-5	USA - OSHA	1000	1900	-	-
	South Korea	1000	1900	-	-
	Ireland	-	-	1000	-
	Germany (AGS)	500	960	1000	1920
	Denmark	1000	1900	2000	3800
	Australia	1000	1880	-	-
Propane-1,2-di ol 57-55-6	United Kingdom	-	10	-	-
	United Kingdom	150	474	-	-
	New Zealand	150	474	-	-
	Latvia	-	7	-	-
	Ireland	-	10	-	-
	Ireland	150	470	-	-
	Canada - Ontario	-	10	-	-
	Canada - Ontario	50	155	-	-
	Australia	-	10	-	-
Australia	150	474	-	-	
2-phenoxyetha nol 122-99-6	Switzerland	20	110	40	220
	Poland	-	230	-	-
	Germany (DFG)	20	110	40	220
	Germany (AGS)	20	110	40	220
	Canada - Ontario	25	141	-	-

	Austria	20	110	20	110
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### Biological Limit Values

No information available

### Monitoring Methods

- 1 EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.
- 2 GBZ/T 160 Determination of toxic substances in workplace air(Series effective standard)and GBZ/T 300 Determination of toxic substances in workplace air(Series standard).

### > Engineering Controls

- 1 Ensure adequate ventilation, especially in confined areas.
- 2 Ensure that eyewash stations and safety showers are close to the workstation location.
- 3 Use explosion-proof electrical/ventilating/lighting/equipment.
- 4 Set up emergency exit and necessary risk-elimination area.

### > Personal Protection Equipment

<b>Eye Protection</b>	Tightly fitting safety goggles (approved by EN 166(EU) or NIOSH (US).
<b>Hand Protection</b>	Wear protective gloves (such as butyl rubber) , passing the tests according to EN 374(EU),US F739 or AS/NZS 2161.1 standard.
<b>Respiratory protection</b>	If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges.
<b>Skin and Body Protection</b>	Wear fire/flare resistant/retardant clothing and antistatic boots.

## Section 9 Physical and Chemical Properties

<b>Appearance:</b> White wipe	<b>Odor:</b> No information available
<b>Odor Threshold:</b> No information available	<b>pH:</b> No information available
<b>Melting Point/Freezing Point (°C):</b> No information available	<b>Initial Boiling Point and Boiling Range (°C):</b> No information available
<b>Flash Point (°C)( Closed Cup):</b> Not applicable	<b>Evaporation Rate:</b> Not applicable
<b>Flammability:</b> No information available	<b>Upper/lower explosive limits[%(v/v)]:</b> Upper limit: No information available; Lower limit: No information available
<b>Vapor Pressure (KPa):</b> Not applicable	<b>Relative Vapour Density(Air = 1):</b> Not applicable
<b>Relative Density(Water=1):</b> No information available	<b>Solubility:</b> No information available
<b>n-Octanol/Water Partition Coefficient:</b> No information available	<b>Auto-Ignition Temperature(°C):</b> No information available
<b>Decomposition Temperature (°C):</b> No information available	<b>Kinematic Viscosity (mm<sup>2</sup>/s):</b> Not applicable
<b>Particle characteristics:</b> No information available	

## Section 10 Stability and Reactivity

<b>Reactivity</b>	Contact with incompatible substances can cause decomposition or other chemical reactions.
<b>Chemical Stability</b>	Stable under proper operation and storage conditions.
<b>Possibility of Hazardous Reactions</b>	In contact with oxidants causes severe reactions, and may cause a fire or explosion. In contact with active metals (alkali metals, Na, Ca etc.) causes a

	reaction and release hydrogen.
<b>Conditions to Avoid</b>	Incompatible materials, heat, flame and spark.
<b>Incompatible Materials</b>	Oxidants, alkali metals, alkaline earth metals and aluminum. Alkali, sodium, calcium, and other active metal, halogen, metal oxide, nonmetal oxide, acyl halide and metal phosphide.
<b>Hazardous Decomposition products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11 Toxicological Information

### > Acute Toxicity

Component	CAS No.	LD <sub>50</sub> (Oral)	LD <sub>50</sub> (Dermal)	LC <sub>50</sub> (Inhalation, 4h)
2-phenoxyethanol	122-99-6	1260mg/kg(Rat)	14422mg/kg(Rat)	No information available
Methyl 4-hydroxybenzoate	99-76-3	> 8000mg/kg(Mouse)	No information available	No information available
Propane-1,2-diol	57-55-6	20000mg/kg(Rat)	20800mg/kg(Rabbit)	No information available
Ethanol	64-17-5	7060mg/kg(Rat)	No information available	39mg/L(Mouse)

### > Skin Corrosion/Irritation

No information available

### > Serious Eye Damage/Irritation

No information available

### > Skin Sensitization

No information available

### > Respiratory Sensitization

No information available

### > Germ Cell Mutagenicity

No information available

### > Carcinogenicity

ID	CAS No.	Component	IARC	NTP
1	64-17-5	Ethanol	Category 1	Not Listed
2	7732-18-5	Water	Not Listed	Not Listed
3	63449-41-2	Benzalkonium chloride	Not Listed	Not Listed
4	57-55-6	Propane-1,2-diol	Not Listed	Not Listed
5	122-99-6	2-phenoxyethanol	Not Listed	Not Listed

6	99-76-3	Methyl 4-hydroxybenzoate	Not Listed	Not Listed
7	85507-69-3	Aloe extract	Not Listed	Not Listed

> **Reproductive Toxicity**

No information available

> **Reproductive Toxicity (Additional)**

No information available

> **STOT-Single Exposure**

No information available

> **STOT-Repeated Exposure**

No information available

> **Aspiration Hazard**

No information available

## Section 12 Ecological Information

> **Acute Aquatic Toxicity**

Component	CAS No.	Fish	Crustaceans	Algae
2-phenoxyethanol	122-99-6	LC <sub>50</sub> : 344mg/L (96h)(Fish)	No information available	No information available
Benzalkonium chloride	63449-41-2	LC <sub>50</sub> : 1.25mg/L (96h)(Fish)	EC <sub>50</sub> : 0.04mg/L (48h)	No information available
Methyl 4-hydroxybenzoate	99-76-3	LC <sub>50</sub> : 60mg/L (96h)(Fish)	EC <sub>50</sub> : 36mg/L (48h)	ErC <sub>50</sub> : 56mg/L (72h)
Propane-1,2-diol	57-55-6	LC <sub>50</sub> : 39800mg/L (96h)(Fish)	EC <sub>50</sub> : >1000mg/L (48h)	ErC <sub>50</sub> : >1000mg/L (72h)
Ethanol	64-17-5	LC <sub>50</sub> : 11000mg/L (96h)(Fish)	EC <sub>50</sub> : 9950mg/L (48h)	No information available

> **Chronic Aquatic Toxicity**

Component	CAS No.	Fish	Crustaceans	Algae
Methyl 4-hydroxybenzoate	99-76-3	No information available	NOEC: 0.20mg/L	NOEC: 17mg/L
Propane-1,2-diol	57-55-6	NOEC: >100mg/L(Fish)	NOEC: 1000mg/L	NOEC: 1000mg/L

> **Others**

**Persistence and Degradability**


No information available

<b>Bioaccumulative Potential</b>	No information available
<b>Mobility in Soil</b>	No information available
<b>Results of PBT and vPvB Assessment</b>	Ethanol does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.
	Water does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.
	Benzalkonium chloride does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.
	Propane-1,2-diol does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.
	2-phenoxyethanol does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.
	Methyl 4-hydroxybenzoate does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.
	Aloe extract does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.

### Section 13 Disposal Considerations

<b>Waste Chemicals</b>	Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.
<b>Contaminated Packaging Disposal Recommendations</b>	Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible. Refer to section 13.1 and 13.2.

### Section 14 Transport Information

<b>Transporting Label</b>	
<b>Marine pollutant</b>	None
<b>UN Number</b>	3175
<b>UN Proper Shipping Name</b>	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.
<b>Transport Hazard Class</b>	4.1
<b>Transport Subsidiary Hazard Class</b>	NONE
<b>Packing Group</b>	II

### Section 15 Regulatory Information

#### > International Chemical Inventory

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AICS	ENCS
Ethanol	✓	✓	✓	✓	✓	✓	✓	✓	✓
Water	✓	✓	✓	✓	✓	✓	✓	✓	✗



Benzalkonium chloride	√	√	√	√	√	√	√	√	√	×
Propane-1,2-diol	√	√	√	√	√	√	√	√	√	√
2-phenoxyethanol	√	√	√	√	√	√	√	√	√	√
Methyl 4-hydroxybenzoate	√	√	√	√	√	√	√	√	√	√
Aloe extract	√	×	×	√	√	√	×	√	√	×

【EINECS】 European Inventory of Existing Commercial Chemical Substances.

【TSCA】 United States Toxic Substances Control Act Inventory.

【DSL】 Canadian Domestic Substances List.

【IECSC】 China Inventory of Existing Chemical Substances.

【NZIoC】 New Zealand Inventory of Chemicals.

【PICCS】 Philippines Inventory of Chemicals and Chemical Substances.

【KECI】 Existing and Evaluated Chemical Substances.

【AICS】 Australia Inventory of Chemical Substances.

【ENCS】 Existing And New Chemical Substances.

#### Note

"√" Indicates that the substance included in the regulations

"×" That no data or included in the regulations

## Section 16 Additional Information

<b>Creation Date</b>	2020/04/14
<b>Revision Date</b>	2020/08/18
<b>Reason for Revision</b>	Editorial Correction

### > Disclaimer

This Safety Data Sheet (SDS) was prepared according to UN GHS (the 7th revised edition). The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.