

Issue Date 18-Dec-2012

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Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Hand Sanitizer

PERSONAL CARE ALCOHOL
Free Foaming Hand
Sanitizer Antibacterial
Soap

Other Means of Identification

SDS # PCP-028

UN/ID No

Product Code UN1170
06096/Bonus Hand Sanitizer/10048155906096
08465/2-PK Hand Sanitizer/10048155908465
08588/Hand Sanitizer/10048155908588
21273/Hand Sanitizer Mini Pack 4 PK/10048155921273
21761/Hand Sanitizer with Clip/10048155921761
21815/Hand Sanitizer W/ Aloe/10048155921815
21990/Hand Sanitizer Display Reg & Aloe/10048155921990
20580/PC Hand Sanitizer Lotion 8oz/10048155920580
-2/Hand Sanitizer with Clip 1.8 oz/1004815592392-2
/Hand Sanitizer with Clip/48155-92176
/Hand Sanitizer with Clip/48155-92392

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Hand Sanitizer.

Details of the Supplier of the Safety Data Sheet

Supplier Address

Personal Care Products LLC
3001 West Big Beaver Rd. Ste. 520
Troy, MI 48084
248.971.7600
<http://www.personal-care.com>

Emergency Telephone Number

Company Phone Number 248-971-7600
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

Flammable liquids

Category 3

Signal Word

Warning

Hazard Statements

Flammable liquid and vapor

**Appearance** Clear liquid**Physical State** Liquid**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

Precautionary Statements - ResponseIn 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

Toxic to aquatic life with long lasting effects

Toxic to aquatic life

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Ethyl alcohol	64-17-5	65-70
Propylene Glycol	57-55-6	0-1
Glycerol	56-81-5	0-1
Triethanolamine Phosphate	10017-56-8	0-1
Aloe barbadensis leaf extract	94349-62-9	0-1

Formula contains 0.2% of a Fragrance not listed above.

4. FIRST AID MEASURES

First Aid Measures

Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact	Non-toxic in contact with skin.
Inhalation	Remove to fresh air.
Ingestion	Immediate medical attention is required.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms	May cause eye irritation. May cause respiratory irritation. May cause nose and throat irritation, with possible central nervous system effects.
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Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Foam, Dry Chemical, Carbon Dioxide. Water spray (fog).

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Keep product and empty container away from heat and sources of ignition.

Hazardous Combustion Products Releases CO and CO2 on thermal decomposition.

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.

6. ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment and Emergency Procedures**

Personal Precautions Remove all sources of ignition. Wear appropriate protective clothing and equipment to prevent contact.

Methods and Material for Containment and Cleaning Up

Methods for Containment Remove all sources of ignition. Collect using an inert absorbent material and place in appropriate containers for disposal.

Methods for Cleaning Up Keep in suitable, closed containers for disposal. Dispose of contents/container to an approved waste disposal plant.

7. HANDLING AND STORAGE**Precautions for Safe Handling**

Advice on Safe Handling Avoid eye contact. Avoid breathing vapors or mists. Wear appropriate personal protective equipment. Use non-sparking hand tools and explosion-proof electrical equipment. Take precautionary measures against static discharges. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. All equipment used when handling the product must be grounded.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Protect from sunlight. Store in a well-ventilated place.

Incompatible Materials Acids, platinum and silver. Hydrogen peroxide. Oxidizers. Chlorine bleach.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethyl alcohol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m ³
Glycerol 56-81-5	TWA: 10 mg/m ³ mist	TWA: 15 mg/m ³ mist, total particulate TWA: 5 mg/m ³ mist, respirable fraction (vacated) TWA: 10 mg/m ³ mist, total particulate (vacated) TWA: 5 mg/m ³ mist, respirable fraction	-

Appropriate Engineering Controls

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

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 Ensure adequate ventilation, especially in confined areas.

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

Physical State	Liquid	Odor	Alcohol
Appearance	Clear liquid	Odor Threshold	100 ppm
Color	Clear		

<u>Property</u>	<u>The following physical data are approximate only and do not represent specification values. They should be used only in the context of this safety data sheet.</u>	<u>Remarks • Method</u>
pH	Not applicable	
Melting Point/Freezing Point	-114.1 °C / -137.38 °F	
Boiling Point/Boiling Range	78.5 °C / 173.3 °F	
Flash Point	23 °C / 73 °F	
Evaporation Rate	< 1	(Water = 1)
Flammability (Solid, Gas)	Not applicable	
Upper Flammability Limits	18%	
Lower Flammability Limit	3.5%	
Vapor Pressure	40 mm/Hg	
Vapor Density	1.6	(Air=1)
Relative Density (Specific Gravity)	~0.889	(1=Water)
Water Solubility	Miscible in water	
Solubility in Other Solvents	Complete	
Partition Coefficient	2 – 7 as log Pow	
Autoignition Temperature	250 °C / 480 °F	

Decomposition Temperature	Will evaporate or boil and possibly ignite before decomposition occurs
Kinematic Viscosity	Not applicable
Dynamic Viscosity	Not applicable
Explosive Properties	Not an explosive
Oxidizing Properties	Not an oxidizer

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. Incompatible Materials. Excessive heat and fire.

Incompatible Materials

Acids. platinum and silver. Hydrogen peroxide. Oxidizers. Chlorine bleach.

Hazardous Decomposition Products

If heated to decomposition, CO and CO₂ may be produced.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact	Avoid contact with eyes.
Skin Contact	No known hazard in contact with skin.
Inhalation	Avoid breathing vapors or mists.
Ingestion	Harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethyl alcohol 64-17-5	= 7060 mg/kg (Rat)	-	= 124.7 mg/L (Rat) 4 h
Water 7732-18-5	> 90 mL/kg (Rat)	-	-
Glycerol 56-81-5	= 12600 mg/kg (Rat)	> 21900 mg/kg (Rat)	-
Propylene Glycol 57-55-6	= 20000 mg/kg (Rat)	= 20800 mg/kg (Rabbit)	-
Carbomer 9003-01-4	= 2500 mg/kg (Rat)	-	-

Information on Physical, Chemical and Toxicological Effects

Symptoms May cause eye irritation. Prolonged exposure in poorly ventilated area may cause respiratory irritation. May cause nose and throat irritation, with possible central nervous system effects.

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. However, the product as a whole has not been tested.

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethyl alcohol 64-17-5	A3	Group 1	Known	X

*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

Very toxic to aquatic life with long lasting effects.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Ethyl alcohol 64-17-5		12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 100: 96 h Pimephales promelas mg/L LC50 static 13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through	EC50 = 34634 mg/L 30 min EC50 = 35470 mg/L 5 min	9268 - 14221: 48 h Daphnia magna mg/L LC50 10800: 24 h Daphnia magna mg/L EC50 2: 48 h Daphnia magna mg/L EC50 Static
Glycerol 56-81-5		51 - 57: 96 h Oncorhynchus mykiss mL/L LC50 static		500: 24 h Daphnia magna mg/L EC50
Propylene Glycol 57-55-6	19000: 96 h Pseudokirchneriella subcapitata mg/L EC50	51600: 96 h Oncorhynchus mykiss mg/L LC50 static 41 - 47: 96 h Oncorhynchus mykiss mL/L LC50 static 51400: 96 h Pimephales promelas mg/L LC50 static 710: 96 h Pimephales promelas mg/L LC50		10000: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L EC50 Static
Carbomer 9003-01-4		580: 96 h Lepomis macrochirus mg/L LC50		168: 96 h water flea mg/L EC50

Persistence and Degradability

Not determined

Bioaccumulation

Not determined

Mobility

Chemical Name	Partition Coefficient
Ethyl alcohol 64-17-5	-0.32
Glycerol 56-81-5	-1.76

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

Chemical Name	California Hazardous Waste Status
Ethyl alcohol 64-17-5	Toxic Ignitable

14. TRANSPORT INFORMATION

Note Based on package size, product may be eligible for limited quantity exception.

DOT

UN/ID No	UN1170
Proper Shipping Name	Ethanol solution
Hazard Class	3
Packing Group	III

IATA

UN/ID No	UN1170
Proper Shipping Name	Ethanol solution
Hazard Class	3
Packing Group	III

IMDG

UN/ID No	UN1170
Proper Shipping Name	Ethanol solution
Hazard Class	3
Packing Group	III

15. REGULATORY INFORMATION

International Inventories

Not Determined

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*

US Federal Regulations

SARA 313

Not determined

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
Ethyl alcohol - 64-17-5	Carcinogen Developmental

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Ethyl alcohol 64-17-5	X	X	X
Glycerol 56-81-5	X	X	X
Propylene Glycol 57-55-6	X		X

16. OTHER INFORMATION

NFPA	Health Hazards	Flammability	Instability	Special Hazards
	2	3	0	Not determined
HMS	Health Hazards	Flammability	Physical Hazards	Personal Protection
	2	4	0	Not determined

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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