

ECOLAB Information

1. 23672 DigiClean Anti-Bacterial Foam Hand Soap 6-750ml per case cost per case \$84.67 with 5294 pushes per case at a use cost of .016.
2. 23674 DigiSan E Foam Hand Sanitizer 6-750ml per case cost per case \$92.62 with 5294 pushes per case at a cost of .017.

We normally charge for dispensers but if deciding to utilize they can be at no charge. We can also order Black for hand soap and a Neutral for the sanitizer for quick recognition.

Randy Lyons

Ecolab

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Material Safety Data Sheet



DIGICLEAN ANTI-BACTERIAL FOAM HAND SOAP

Section 1. Chemical product and company identification

Trade name : DIGICLEAN ANTI-BACTERIAL FOAM HAND SOAP
Product use : Skin antiseptic
Supplier : Ecolab Inc. Institutional Division
370 N. Wabasha Street
St. Paul, MN 55102
1-800-352-5326
Code : 901410
Date of issue : 26-September-2007

EMERGENCY HEALTH INFORMATION: 1-800-328-0026
Outside United States and Canada CALL 1-651-222-5352 (in USA)

Section 2. Composition, information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
ethanol	64-17-5	1 - 5
poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, c10-16-alkyl ethers, sodium salts	68585-34-2	1 - 5
2-methylpentane-2,4-diol	107-41-5	1 - 5

Section 3. Hazards identification

Physical state : Liquid. [Liquid.]

Emergency overview : CAUTION!

COMBUSTIBLE LIQUID AND VAPOR.
MAY CAUSE EYE IRRITATION.
Avoid contact with eyes. Keep away from heat, sparks and flame.

Potential acute health effects

Eyes : Slightly irritating to the eyes.
Skin : No known significant effects or critical hazards.
Inhalation : Slightly irritating to the respiratory system.
Ingestion : No known significant effects or critical hazards.

See toxicological information (section 11)

Section 4. First aid measures

Eye contact : In case of contact, immediately flush eyes with cool running water. Remove contact lenses and continue flushing with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
Skin contact : Get medical attention if symptoms appear. Wash clothing before reuse.
Inhalation : If inhaled, remove to fresh air.
Ingestion : Do not induce vomiting. Never give anything by mouth to an unconscious person. If irritation persists, get medical attention.

Section 5. Fire fighting measures

Flash point : 46.1111 °C (Closed cup)
Fire-fighting media and instructions : In case of fire, use water spray (fog), foam, dry chemical, or CO₂.

Dike liquid for later disposal.
Combustible liquid and vapor.

Special protective equipment for fire-fighters :

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

- Personal precautions** : Ventilate area of leak or spill. Do not touch damaged containers or spilled material unless wearing appropriate protective equipment (Section 8). Stop leak if without risk. Do not allow to enter drains or watercourses.
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- Methods for cleaning up** : If emergency personnel are unavailable, contain spilled material. For small spills, add absorbent (soil may be used in the absence of other suitable materials) and use a non-sparking or explosion-proof means to transfer material to a sealable, appropriate container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

Section 7. Handling and storage

- Handling** : Keep away from heat, sparks and flame. To avoid fire, eliminate ignition sources. Wash thoroughly after handling.
- Storage** : Keep out of the reach of children. Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).
Do not store above the following temperature: 50°C

Section 8. Exposure controls, personal protection

- Engineering measures** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protection :

- Eyes** : No protective equipment is needed under normal use conditions.
- Hands** : No protective equipment is needed under normal use conditions.
- Skin** : No protective equipment is needed under normal use conditions.
- Respiratory** : A respirator is not needed under normal and intended conditions of product use.

<u>Name</u>	<u>Exposure limits</u>
ethanol	ACGIH TLV (United States, 1/2006).
	TWA: 1880 mg/m ³ 8 hour(s).
	TWA: 1000 ppm 8 hour(s).
	OSHA PEL (United States, 11/2006).
2-methylpentane-2,4-diol	TWA: 1900 mg/m ³ 8 hour(s).
	TWA: 1000 ppm 8 hour(s).
	ACGIH TLV (United States, 1/2006).
	CEIL: 121 mg/m ³
	CEIL: 25 ppm

Section 9. Physical and chemical properties

- Physical state** : Liquid. [Liquid.]
- Color** : Blue.
- Odor** : citrus
- pH** : 8.6 [Conc. (% w/w): 100%]
- Specific gravity** : 1.01

Section 10. Stability and reactivity

Stability : The product is stable.

Section 11. Toxicological information

Potential acute health effects

Eyes : Slightly irritating to the eyes.
Skin : No known significant effects or critical hazards.
Inhalation : Slightly irritating to the respiratory system.
Ingestion : No known significant effects or critical hazards.

Potential chronic health effects

Chronic effects on humans : There is no known chronic effect after exposure to this product.

Section 12. Ecological information

Section 13. Disposal considerations

Waste disposal : The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Consult your local or regional authorities.

Section 14. Transport information

Regulatory information	UN number	Proper shipping name	Class	Packing group	Additional information
DOT Classification	Not regulated.	-	-	-	Not available.

APPLIES ONLY DURING ROAD TRANSPORT

Any variation of the shipping description based on the packaging is not addressed.

Section 15. Regulatory information

HCS Classification : Combustible liquid
U.S. Federal regulations : SARA 302/304/311/312 extremely hazardous substances: No products were found.
 SARA 302/304 emergency planning and notification: No products were found.
TSCA 8(b) inventory : All materials are listed or exempt.
California Prop. 65 : No products were found.

Section 16. Other information

Hazardous Material Information System (U.S.A.) :	Health	*	1
	Flammability		2
	Physical hazards		0

Date of issue : 26-September-2007.
Responsible name : Regulatory Affairs
Date of previous issue : 11-March-2005.
Notice to reader

Section 16. Other information

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, **NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.**

Material Safety Data Sheet



DIGISAN E FOAM HAND SANITIZER

Section 1. Chemical product and company identification

Trade name : DIGISAN E FOAM HAND SANITIZER
Product use : Hand disinfectant
Supplier : Ecolab Inc. Institutional Division
370 N. Wabasha Street
St. Paul, MN 55102
1-800-352-5326
Code : 924680-04
Date of issue : 25-June-2007

EMERGENCY HEALTH INFORMATION: 1-800-328-0026
Outside United States and Canada CALL 1-651-222-5352 (in USA)

Section 2. Composition, information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
propan-2-ol	67-63-0	5 - 20

Section 3. Hazards identification

Physical state : Liquid. [Liquid.]
Emergency overview : CAUTION!

COMBUSTIBLE LIQUID AND VAPOR.
MAY CAUSE EYE IRRITATION.
Avoid contact with eyes. Keep away from heat, sparks and flame.

Potential acute health effects

Eyes : Slightly irritating to the eyes.
Skin : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

See toxicological information (section 11)

Section 4. First aid measures

Eye contact : In case of contact, immediately flush eyes with cool running water. Remove contact lenses and continue flushing with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
Skin contact : Get medical attention if symptoms appear. Wash clothing before reuse.
Inhalation : If inhaled, remove to fresh air.
Ingestion : Do not induce vomiting. Never give anything by mouth to an unconscious person. If irritation persists, get medical attention.

Section 5. Fire fighting measures

Flash point : 41.6667 °C (Closed cup)
Fire-fighting media and instructions : In case of fire, use water spray (fog), foam, dry chemical, or CO₂.

Dike liquid for later disposal.
Combustible liquid and vapor.
Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

- Personal precautions** : Ventilate area of leak or spill. Do not touch damaged containers or spilled material unless wearing appropriate protective equipment (Section 8). Stop leak if without risk. Do not allow to enter drains or watercourses.
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- Methods for cleaning up** : If emergency personnel are unavailable, contain spilled material. For small spills, add absorbent (soil may be used in the absence of other suitable materials) and use a non-sparking or explosion-proof means to transfer material to a sealable, appropriate container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

Section 7. Handling and storage

- Handling** : Keep away from heat, sparks and flame. To avoid fire, eliminate ignition sources. Wash thoroughly after handling.
- Storage** : Keep out of the reach of children. Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).
Store between the following temperatures: 0 and 45°C

Section 8. Exposure controls, personal protection

- Engineering measures** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protection :

- Eyes** : No protective equipment is needed under normal use conditions.
- Hands** : No protective equipment is needed under normal use conditions.
- Skin** : No protective equipment is needed under normal use conditions.
- Respiratory** : No protective equipment is needed under normal use conditions.

Name

propan-2-ol

Exposure limits

ACGIH TLV (United States, 1/2006).

STEL: 400 ppm 15 minute(s).

TWA: 200 ppm 8 hour(s).

OSHA PEL (United States, 11/2006).

TWA: 980 mg/m³ 8 hour(s).

TWA: 400 ppm 8 hour(s).

Section 9. Physical and chemical properties

- Physical state** : Liquid. [Liquid.]
- Color** : Red. [Light]
- Odor** : Alcohol-like.
- pH** : 7 [Conc. (% w/w): 100%]
- Boiling/condensation point** : >100°C (>212°F)
- Specific gravity** : 0.988
- Dispersibility properties** : Easily dispersed in cold water, hot water.
- Solubility** : Easily soluble in cold water, hot water.

Section 10. Stability and reactivity

Stability : The product is stable.

Section 11. Toxicological information

Potential acute health effects

Eyes : Slightly irritating to the eyes.
Skin : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Potential chronic health effects

Chronic effects on humans : There is no known chronic effect after exposure to this product.

Section 12. Ecological information

Section 13. Disposal considerations

Waste disposal : The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Consult your local or regional authorities.

Section 14. Transport information

Regulatory information	UN number	Proper shipping name	Class	Packing group	Additional information
DOT Classification	Not regulated.	-	-	-	Not available.

APPLIES ONLY DURING ROAD TRANSPORT

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Section 15. Regulatory information

HCS Classification : Combustible liquid
U.S. Federal regulations : SARA 302/304/311/312 extremely hazardous substances: No products were found.
 SARA 302/304 emergency planning and notification: No products were found.
TSCA 8(b) inventory : All materials are listed or exempt.
California Prop. 65 : No products were found.

Section 16. Other information

Hazardous Material Information System (U.S.A.) :	Health	1
	Flammability	2
	Physical hazards	0

Date of issue : 25-June-2007.
Responsible name : Regulatory Affairs
Date of previous issue : 16-February-2005.
Notice to reader

Section 16. Other information

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, **NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.**



Hand Hygiene

PROTECTION BEGINS WITH EDUCATION.



Protecting your faculty, students and staff from illness is important in maintaining a healthy, productive environment.

Be proactive and help prevent the spread of illness with a proper hand hygiene program:

- ▲ Practice good hand hygiene by using a coordinated selection of hand soaps and sanitizers available with a variety of dispensing options
- ▲ Place waterless hand sanitizers wherever there is high student and staff traffic to promote increased hand hygiene, in areas such as:
 - Restroom facilities
 - Classrooms
 - Stairway areas
 - Office areas and main entryway
 - Cafeteria
- ▲ Your students and staff will appreciate your focus on protection
- ▲ Your students' and staff's improved hand hygiene will reduce absenteeism
- ▲ Trust Ecolab to provide the expert solutions and service you need



The CDC recommends washing your hands often with soap and water, and using hand sanitizer to protect from infection.

Talk to your Ecolab Representative to learn how customized solutions can keep your operation safe and secure.



HELP PREVENT THE SPREAD OF ILLNESS

Ecolab offers a wide selection of hand care products to protect against illness-causing bacteria. Your Ecolab Representative can help select products and recommend procedures that are right for your environment.



Foam Dispenser
SKU: 9263-4278



DigiClean®
Antibacterial
Hand Soap
SKU: 23672
Pack size: 6/750ml
Dispenser: Foam



DigiSan® E Foam
Hand Sanitizer
SKU: 23674
Pack size: 6/750ml
Dispenser: Foam



Touch-Free Hand
Hygiene Dispenser
SKU: 9202-2510

Touch-Free
Dispenser Stand
SKU: 9202-2119

Endure® 300
Cida-Rinse® Gel
SKU: 6100113
Pack size: 10/1000ml
Dispenser: Touch-Free



Endure® 300
Cida-Rinse® Gel
SKU: 61430327
Pack size: 12/540ml
Dispenser: Ready-to-Use



SKU: 61430315
Pack size: 72/4oz
Dispenser: Ready-to-Use



DigiSan® Aerosol
Foam Sanitizer
SKU: 24832
Pack size: 12/7oz
Dispenser: 7oz holder
9265-1002

World Headquarters

370 Wabasha Street N St. Paul, MN 55102
www.ecolab.com 1.800.35.CLEAN



ECOLAB SOLUTIONS FOR 2009 H1N1 FLU PREVENTION

WHAT IS 2009 H1N1 FLU?

- ▲ 2009 H1N1 Flu is the strain of Influenza A virus causing the current outbreak
- ▲ The 2009 H1N1 Flu has developed the ability to spread from person to person, in much the same manner as seasonal influenza
- ▲ Contact with pigs or consumption of pork has not been shown to be associated with this outbreak

HOW CAN 2009 H1N1 FLU BE CONTROLLED?

- ▲ Vigilant hand hygiene and frequent use of waterless based hand sanitizers
- ▲ Regular and thorough disinfection of frequently touched surfaces
- ▲ Cover your nose and mouth whenever you cough or sneeze
- ▲ Stay home if you are sick

HARD SURFACE DISINFECTANTS

Ecolab has a wide range of disinfectants effective against the Influenza A virus. These EPA-registered disinfectants are proven to destroy viruses when used according to label directions.

HAND HYGIENE

Hand hygiene is critical to controlling the spread of influenza. Ecolab provides a broad spectrum of hand hygiene products, including antimicrobial hand soaps and waterless hand sanitizers. Currently, the FDA does not allow any hand hygiene products in the US to carry claims against viruses, including 2009 H1N1 Flu.

Source: Centers for Disease Control



Solutions designed to work quickly and effectively against flu viruses

HARD SURFACE DISINFECTANTS

Application

Disinfect hard surfaces daily or with increased frequency.

Focus on areas that are frequently touched by guests and employees such as:

- ▲ Menus
- ▲ Registers
- ▲ Door push plates/handles
- ▲ High chairs/booster seats
- ▲ Tables and chairs
- ▲ Restroom surfaces



14 ANTIBACTERIAL ALL PURPOSE CLEANER

2/2 L - 14205



20 NEUTRAL DISINFECTANT CLEANER

2/2 L - 14981



65 DISINFECTING HEAVY DUTY ACID BATHROOM CLEANER

2/2 L - 10163



OASIS 499 HBV

2.5 gal - 17771



NEUTRAL DISINFECTANT CLEANER

2.5 gal - 14542
4/1 gal - 14543
100-1 oz - 14539
2/1.3 L - 14541



ASEPTICARE

12-14 oz - 61165585



TB DISINFECTANT CLEANER READY TO USE

12/32 oz - 65443556



MIKRO-QUAT

4/1 gal - 13227

HAND HYGIENE

Application

Ensure all employees are trained on proper hand washing procedures.

Make hand sanitizer available for guests and employees.

For Guests:

- ▲ Entrance or waiting areas
- ▲ Cafeteria/Buffer Lines
- ▲ Near restrooms

For Employees:

- ▲ Hand wash sinks
- ▲ Server stations
- ▲ Cash registers

Anti-bacterial Hand Soap



DIGICLEAN™ ANTI-BACTERIAL FOAM HAND SOAP

6/750 mL - 23672



ANTI-BACTERIAL CLEAN & SMOOTH

4/1 gal - 14886

Waterless Hand Sanitizers



HAND SANITIZER AND TOUCH-FREE DISPENSER

Dispenser - 92022510
Stand - 92022119
Endure 300
10/1000 mL - 61430349



DIGISAN™ E HAND SANITIZER

6/750 mL - 23674



DIGISAN™ AEROSOL FOAM HAND SANITIZER

12/7 oz - 24832

For more information, contact your Ecolab Representative at 1.800.35CLEAN or visit us at www.ecolab.com

370 Wabasha Street N St. Paul, MN 55102

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