

Issue Date 08-Jul-2013

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Version 1

1. IDENTIFICATION

Product Identifier

Product Name Antibacterial Hand Soap

Other means of identification

SDS # PCP-073

Product Code 90369/Antibacterial Soap w/Pump/48155-90369
90881/Anti-Bac Foaming Hand Wash/48155-90881

Recommended use of the chemical and restrictions on use

Recommended Use Anti-bacterial hand soap.

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

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.

Physical State Liquid

Other Hazards

Very toxic to aquatic life with long lasting effects
Very toxic to aquatic life

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% |
|-------------------------|-------------|----------|
| Water | 7732-18-5 | 80-90 |
| Ammonium Lauryl Sulfate | 2235-54-3 | 1-10 |
| Sodium Laureth Sulfate | 1335-72-4 | 1-10 |
| Cocamidopropyl betaine | 61789-40-0 | 1-10 |
| Ammonium Chloride | 121235-02-9 | <5 |
| Triclosan | 3380-34-5 | <1 |
| DMDM Hydantoin | 6440-58-0 | <1 |
| Tetrasodium EDTA | 64-02-8 | <1 |
| Citric Acid | 77-92-9 | <1 |

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 | If skin irritation occurs, rinse affected area with water. |
| Inhalation | Remove to fresh air. |
| Ingestion | Clean mouth with water and drink afterwards plenty of water. |

Most important symptoms and effects

| | |
|-----------------|--|
| Symptoms | Direct contact with eyes may cause temporary irritation. |
|-----------------|--|

Indication of any immediate medical attention and special treatment needed

| | |
|---------------------------|------------------------|
| Notes to Physician | Treat symptomatically. |
|---------------------------|------------------------|

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

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Non-flammable.

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 | Use personal protective equipment as required. |
|-----------------------------|--|

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 | Keep in suitable, closed containers for disposal. |

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|------------------------|-----------|--------------------|------------|
| Citric Acid 77-92-9 | - | 15 mg / m3 (Total) | - |

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 No protective equipment is needed under normal use conditions.

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 | Not determined |
| Appearance | Not determined | Odor Threshold | Not determined |
| Color | Not determined | | |

| <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 | 6-8 | |
| Melting Point/Freezing Point | ~ 0 °C / ~32 °F | |
| Boiling Point/Boiling Range | ~ 100 °C / ~212 °F | |
| Flash Point | Non-flammable | |
| Evaporation Rate | ~ 1 | (Water = 1) |
| Flammability (Solid, Gas) | n/a-liquid | |
| Upper Flammability Limits | Not applicable | |
| Lower Flammability Limit | Not applicable | |
| Vapor Pressure | Similar to water | |
| Vapor Density | Similar to water | |
| Specific Gravity | ~1 | (1=Water) |

| | |
|-------------------------------------|--------------------------------|
| Water Solubility | Soluble in water |
| Solubility in other solvents | Soluble in some polar solvents |
| Partition Coefficient | Little partitioning |
| Autoignition Temperature | Does not auto-ignite |
| Decomposition Temperature | Not determined |
| Kinematic Viscosity | Viscosity of soap |
| Dynamic Viscosity | Viscosity of soap |
| 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

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

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

Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Ingestion

Do not taste or swallow.

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--------------------------------------|----------------------|-------------------------|-----------------|
| Cocamidopropyl betaine 61789-40-0 | = 4900 mg/kg (Rat) | - | - |
| Triclosan 3380-34-5 | = 3700 mg/kg (Rat) | = 9300 mg/kg (Rabbit) | - |
| DMDM Hydantoin 6440-58-0 | = 2 g/kg (Rat) | - | - |
| Citric Acid 77-92-9 | = 3000 mg/kg (Rat) | - | - |
| Tetrasodium EDTA 64-02-8 | = 10 g/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**

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

| Chemical Name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|--------------------------------------|---|--|----------------------------|--------------------------------------|
| Cocamidopropyl betaine 61789-40-0 | 1.0 - 10.0: 72 h Desmodesmus subspicatus mg/L EC50 0.55: 96 h Desmodesmus subspicatus mg/L EC50 | 1.0 - 10.0: 96 h Brachydanio rerio mg/L LC50 2: 96 h Brachydanio rerio mg/L LC50 semi-static | | 6.5: 48 h Daphnia magna mg/L EC50 |
| Triclosan 3380-34-5 | | 250: 96 h Pimephales promelas µg/L LC50 | | 390: 48 h Daphnia magna µg/L EC50 |
| Citric Acid 77-92-9 | | 1516: 96 h Lepomis macrochirus mg/L LC50 static | | 120: 72 h Daphnia magna mg/L EC50 |
| Tetrasodium EDTA 64-02-8 | 1.01: 72 h Desmodesmus subspicatus mg/L EC50 | 41: 96 h Lepomis macrochirus mg/L LC50 static 59.8: 96 h Pimephales promelas mg/L LC50 static | | 610: 24 h Daphnia magna mg/L EC50 |

Persistence/Degradability

Not determined

Bioaccumulation

Not determined

Mobility

| Chemical Name | Partition Coefficient |
|------------------------|-----------------------|
| Citric Acid 77-92-9 | -1.72 |

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.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

International Inventories

Not determined

Legend:

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDL - 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

U.S. State Right-to-Know Regulations

Not determined

16. OTHER INFORMATION

| | | | | |
|--------------------|-----------------------|---------------------|-------------------------|----------------------------|
| <u>NFPA</u> | Health Hazards | Flammability | Instability | Special Hazards |
| | Not determined | Not determined | Not determined | Not determined |
| <u>HMIS</u> | Health Hazards | Flammability | Physical Hazards | Personal Protection |
| | Not determined | Not determined | Not determined | Not determined |

| | |
|-----------------------|-------------|
| Issue Date | 08-Jul-2013 |
| Revision Date: | 09-Jul-2013 |
| 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