

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name TC® EnrichedFoam™ Antibacterial Hand Wash
Product Number(s) 3486563, 3486573, 1780310, 1780370
Product use Antibacterial Soap.
Manufacturer/Supplier Rubbermaid Commercial Products LLC
3124 Valley Avenue
Winchester, VA 22601-2694
Telephone number: (540) 667-8700
Contact Person: Regulatory Manager
Emergency 24-Hour Emergency: INFOTRAC: 1-800-535-5053

2. Hazards Identification

Physical state Liquid.
Appearance Colorless liquid.
Emergency overview This is a consumer care product that is safe for consumers when used according to the label directions.

Potential hazards that may occur if product is not used according to the consumer label are as follows: Direct contact with the eye may cause irritation.
OSHA regulatory status This product is not hazardous according to OSHA 29CFR 1910.1200.
Potential health effects
Eyes May cause eye irritation.
Skin Health injuries are not known or expected under normal use.
Inhalation Not applicable.
Ingestion No harmful effects expected in amounts likely to be ingested by accident.
Potential environmental effects The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

3. Composition / Information on Ingredients

| Components | CAS # | Percent |
|------------------|-----------|----------|
| Ethanol | 64-17-5 | 2.5 - 10 |
| Sodium Hydroxide | 1310-73-2 | 2.5 - 10 |
| Triclosan | 3380-34-5 | 0.1 - 1 |

Composition comments All concentrations are in percent by weight.

4. First Aid Measures

First aid procedures

Eye contact Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if symptoms persist.
Skin contact Not applicable.
Inhalation Not applicable.
Ingestion Seek medical advice.

5. Fire Fighting Measures

Flammable properties This product is not flammable or combustible.
Extinguishing media
Suitable extinguishing media Use fire-extinguishing media appropriate for surrounding materials.

Fire fighting equipment/instructions

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. Accidental Release Measures

Methods for cleaning up

No special requirements. Flush area clean with lots of water. Be aware of potential for surfaces to become slippery.

7. Handling and Storage

Handling

Observe good industrial hygiene practices.

Storage

Keep container closed. Keep at room temperature. Protect from freezing. Keep out of reach of children.

8. Exposure Controls / Personal Protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

| Components | Type | Value |
|------------------------------|------|----------|
| Ethanol (64-17-5) | STEL | 1000 ppm |
| Sodium Hydroxide (1310-73-2) | TWA | 2 mg/m3 |

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components | Type | Value |
|------------------------------|------|------------------------|
| Ethanol (64-17-5) | PEL | 1000 ppm 1900 mg/m3 |
| Sodium Hydroxide (1310-73-2) | PEL | 2 mg/m3 |

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

| Components | Type | Value |
|------------------------------|---------|------------------------|
| Ethanol (64-17-5) | TWA | 1000 ppm 1880 mg/m3 |
| Sodium Hydroxide (1310-73-2) | Ceiling | 2 mg/m3 |

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

| Components | Type | Value |
|------------------------------|---------|----------|
| Ethanol (64-17-5) | STEL | 1000 ppm |
| Sodium Hydroxide (1310-73-2) | Ceiling | 2 mg/m3 |

Canada. Ontario OELs. (Ministry of Labor - Control of Exposure to Biological or Chemical Agents)

| Components | Type | Value |
|------------------------------|---------|------------------------|
| Ethanol (64-17-5) | TWA | 1000 ppm 1900 mg/m3 |
| Sodium Hydroxide (1310-73-2) | Ceiling | 2 mg/m3 |

Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)

| Components | Type | Value |
|------------------------------|---------|------------------------|
| Ethanol (64-17-5) | TWA | 1000 ppm 1880 mg/m3 |
| Sodium Hydroxide (1310-73-2) | Ceiling | 2 mg/m3 |

Mexico. Occupational Exposure Limit Values

| Components | Type | Value |
|------------------------------|---------|------------------------|
| Ethanol (64-17-5) | TWA | 1000 ppm 1900 mg/m3 |
| Sodium Hydroxide (1310-73-2) | Ceiling | 2 mg/m3 |

Engineering controls

No special requirements under ordinary conditions of use and with adequate ventilation.

Personal protective equipment

Eye / face protection

No protection is ordinarily required under normal conditions of use.

Skin protection

No protection is ordinarily required under normal conditions of use.

Respiratory protection

No protection is ordinarily required under normal conditions of use.

9. Physical & Chemical Properties

| | |
|------------------------------------------------|----------------------|
| Appearance | Colorless liquid. |
| Color | Clear, colorless. |
| Odor | Not available. |
| Odor threshold | Not available. |
| Physical state | Liquid. |
| Form | Liquid. |
| pH | 4 - 6 |
| Melting point | Not available. |
| Freezing point | Not available. |
| Boiling point | Not available. |
| Flash point | > 200 °F (> 93.3 °C) |
| Evaporation rate | Not available. |
| Flammability limits in air, upper, % by volume | Not available. |
| Flammability limits in air, lower, % by volume | Not available. |
| Vapor pressure | Not available. |
| Vapor density | Not available. |
| Specific gravity | Not available. |
| Solubility (water) | Not available. |
| Partition coefficient (n-octanol/water) | No data available. |
| Auto-ignition temperature | Not available. |
| Decomposition temperature | Not available. |

10. Chemical Stability & Reactivity Information

| | |
|------------------------------------|------------------------------------------------------|
| Chemical stability | Material is stable under normal conditions. |
| Conditions to avoid | Contact with incompatible materials. |
| Incompatible materials | Strong oxidizing agents. Strong acids. Strong bases. |
| Hazardous decomposition products | Carbon oxides. Organic acids. Sodium oxides. |
| Possibility of hazardous reactions | Will not occur. |

11. Toxicological Information

| | |
|-----------------|---------------------------------------------|
| Acute effects | May cause eye irritation on direct contact. |
| Sensitization | None known. |
| Chronic effects | None known. |
| Carcinogenicity | None known. |

12. Ecological Information

Ecotoxicological data

Components

Triclosan (3380-34-5)

Test Results

LC50 Fathead minnow (*Pimephales promelas*): 0.29 - 0.45 mg/l
96 hours

Ecotoxicity The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

Persistence and degradability No data available.

Bioaccumulation / Accumulation No data available.

| | |
|------------------------------------------------|--------------------|
| Partition coefficient (n-octanol/water) | No data available. |
| Mobility in environmental media | No data available. |

13. Disposal Considerations

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|----------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Disposal instructions | Collect in marked containers and deliver to approved depot. |
| Waste from residues / unused products | Dispose of waste and residues in accordance with local authority requirements. |
| Contaminated packaging | Since emptied containers retain product residue, follow label warnings even after container is emptied. |

14. Transport Information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

TDG

Not regulated as dangerous goods.

15. Regulatory Information

| | |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| US federal regulations | This product is not hazardous according to OSHA 29CFR 1910.1200. This material is not listed on the US TSCA 8(b) Inventory, therefore it may only be used for TSCA Exempt purposes such as R&D or Food, Drug or Cosmetic use. |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

CERCLA (Superfund) reportable quantity (lbs)

Sodium Hydroxide 1000

Superfund Amendments and Reauthorization Act of 1986 (SARA)

| | |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Hazard categories | Immediate Hazard - Yes Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No |
| Section 302 extremely hazardous substance | No |
| Section 311 hazardous chemical | Yes |

| | |
|--------------------------------------|----------------|
| Drug Enforcement Agency (DEA) | Not controlled |
|--------------------------------------|----------------|

| | |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Canadian regulations | This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|

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|---------------------|--------|
| WHMIS status | Exempt |
|---------------------|--------|

Inventory status

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|----------------------|------------------------------------------------------------------------|------------------------|
| Australia | Australian Inventory of Chemical Substances (AICS) | No |
| Canada | Domestic Substances List (DSL) | No |
| Canada | Non-Domestic Substances List (NDSL) | No |
| China | Inventory of Existing Chemical Substances in China (IECSC) | No |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | No |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | No |
| Korea | Existing Chemicals List (ECL) | No |
| New Zealand | New Zealand Inventory | No |

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|-------------------------------------------------------------------|------------------------|
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | No |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | No |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State regulations

US - California Hazardous Substances (Director's): Listed substance

| | |
|----------------------------------|---------|
| Ethanol (CAS 64-17-5) | Listed. |
| Sodium Hydroxide (CAS 1310-73-2) | Listed. |

US - Massachusetts RTK - Substance: Listed substance

| | |
|----------------------------------|---------|
| Ethanol (CAS 64-17-5) | Listed. |
| Sodium Hydroxide (CAS 1310-73-2) | Listed. |

US - New Jersey RTK - Substances: Listed substance

| | |
|----------------------------------|---------|
| Ethanol (CAS 64-17-5) | Listed. |
| Sodium Hydroxide (CAS 1310-73-2) | Listed. |

US - Pennsylvania RTK - Hazardous Substances: Listed substance

| | |
|----------------------------------|---------|
| Ethanol (CAS 64-17-5) | Listed. |
| Sodium Hydroxide (CAS 1310-73-2) | Listed. |

16. Other Information

Further information

HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings

Health: 1
 Flammability: 1
 Physical hazard: 0

NFPA ratings

Health: 1
 Flammability: 1
 Instability: 0

Disclaimer

To the best of our knowledge, the information contained herein is accurate. However no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability to assure proper use, disposal, and safety of these materials.

Issue date

09-22-2010

Revision 02: Section 1: Added product number(s).