

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name TC® EnrichedLotion™ Antibacterial Hand Wash / TC® EnrichedLotion™ Antibacterial Sanitizing Hand Cleaner

Product Number(s) 3486564, 3486574, 1780873, 1780874, 1780361, 1780371, 1781529, 1781530

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
Ethyl Alcohol	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
Ethyl Alcohol (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
Ethyl Alcohol (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
Ethyl Alcohol (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
Ethyl Alcohol (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
Ethyl Alcohol (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
Ethyl Alcohol (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
Ethyl Alcohol (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	1.0239 - 1.1239 at 25 °C
Solubility (water)	Soluble in water.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	2000 - 6000 mPa·s at 25 °C

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

Test Results

Triclosan (3380-34-5)

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

The product is readily biodegradable.

Bioaccumulation / Accumulation	No data available.
Partition coefficient (n-octanol/water)	Not available.
Mobility in environmental media	No data available.

13. Disposal Considerations

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.
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CERCLA (Superfund) reportable quantity (lbs)

Ethyl Alcohol 100
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
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Section 302 extremely hazardous substance	No
Section 311 hazardous chemical	Yes

Drug Enforcement Agency (DEA)	Not controlled
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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
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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

Country(s) or region	Inventory name	On inventory (yes/no)*
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	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

Ethyl Alcohol (CAS 64-17-5) Listed.
Sodium Hydroxide (CAS 1310-73-2) Listed.

US - Massachusetts RTK - Substance: Listed substance

Ethyl Alcohol (CAS 64-17-5) Listed.
Sodium Hydroxide (CAS 1310-73-2) Listed.

US - New Jersey RTK - Substances: Listed substance

Sodium Hydroxide (CAS 1310-73-2) Listed.

US - Pennsylvania RTK - Hazardous Substances: Listed substance

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).