

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: TC Enriched Foam – (E2) Antibacterial Soap

Manufactured By: Bentfield International
Amperestraat 12
2181 HB Hillegom
The Netherlands

Distributed by: Technical Concepts, LLC.
1301 Allanson Road
Mundelein, Illinois 60060
(847) 837-4100

24-Hour Emergency Contact
1-800-535-5053(Infotrac)

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENTS	CAS#	OSHA-PEL	OTHER LIMITS	%BY WT
Sodium Laureth Sulfate	9004-82-4	not established	not established	3-7%
Propylene glycol	55-55-6	not available	not available	7-13%

SECTION 3 - HAZARDS IDENTIFICATION

Potential Health Effects: Mild liquid, prolonged contact may irritate eyes. Ingestion may cause gastric distress.

SECTION 4 - FIRST AID MEASURES

Eye - In the event of contact with the eyes, rinse immediately with copious amount of water, if symptoms persist, consult physician.
Skin - With normal use no specific effects or symptoms are expected, do not allow undiluted product to remain in prolonged contact with the skin.

Ingested - May cause gastric distress, vomiting and diarrhea

Inhalation - None expected

SECTION 5 - FIRE FIGHTING MEASURES

General - This product is not considered combustible or flammable

Suitable extinguishing media: Water, carbon dioxide and chemical foam

Firefighting Procedure - self-contained breathing apparatus (SCUBA) and full firefighting turn out gear (Bunker gear).

Floors may become slippery, if product is released from packaging

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal safety measures- Gloves, goggles

Environment - Prevent contamination of soil, drains and surface waters

Absorbed spillage on inert absorbent and dispose of according to local regulations. Flush affected surfaces with water

SECTION 7 - HANDLING AND STORAGE

Storage/processing - There are no special storage conditions required

Special Handling - Use only as indicated in instructions for use

Keep out of reach of children.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protection – Respiratory Protection: no special protective equipment is required for normal use, avoid contact with eyes
 Protective Gloves: gloves and eye protection

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

pH: 5.0-5.5
Specific Gravity: 1.02
Boiling Point: 212°F (100°C)
Freezing Point: 32°F (0°C)

SECTION 10- STABILITY AND REACTIVITY

Stability – Stable
 Materials to avoid – avoid contact with oxidizers
 Hazardous Decomposition products: are water and the oxides of carbon and the oxides of Nitrogen
 Hazardous Polymerization

SECTION 11 - TOXICOLOGY INFORMATION

Human patch test, product to tested when diluted 1%, 2%, and 5% in distilled water, was applied on a patch of filter paper, place on an impermeable sheet and fixated to inner side of the forearm with adhesive tape, the patch left in place for 24 hours an. Under the conditions of the test no evidence was found of primary irritation or allergic hypersensitivity. None of thirty patch test resulted in positive reactions after 24,48 or 72 hours.

SECTION 12 - ECOLOGICAL INFORMATION

No data is available on the evidence on the adverse effects of this material in the environment. Neither the COD or BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However such treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant. Triclosan is classified as a potential environmental hazard; however, due to limited concentration should pose minimum threat.

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state and federal regulations: this concentration should not be discharged into soil, lakes, ponds, streams or public waters. Products classified as non-hazardous may be come hazardous waste upon contact with other products. Refer to 40 CFR protection of Environment parts “260-299” for complete waste disposal regulations. Consult your local, state or Federal Protection Agency before disposing of any chemical.

SECTION 14 - TRANSPORTATION INFORMATION

	<u>UN</u>	<u>Proper shipping name</u>	<u>Class</u>	<u>Packaging Group</u>
DOT:	N/A	N/A	N/A	N/A
IATA	N/A	N/A	N/A	N/A
IMDG (Vessel)	N/A	N/A	N/A	N/A

Note: transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100-177, IMDG, IATA, United nations, TDG and Whmis (Canada) TDG information manuals for detailed regulations and exceptions covering specific containers sizes, packaging materials and methods of shipping

Effective April 20, 2006

SECTION 15- REGULATORY INFORMATION

SARA TITLE (Superfund) Amendment Control Act)

Section 311, 312, Hazard Categories:
Immediate health

313 Reportable Ingredients

None

TOXIC: Substances control Act (TSCA)- All ingredients are listed on the chemical substances inventory exempt.

California Proposition 65 - None of the ingredients in this product are listed

CERCLA (Comprehensive Response Compensation and Liability Act): None

CPR (Canadian Controlled Products Regulations): This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the controlled product regulations. Not controlled

IDL (Canadian Ingredient disclosure List): Components of this product identified by CAS number and listed in the Canadian Ingredient Disclosure List are shown on section 2

DSL/NDSL (Canadian Domestic Substances List/Non-Domestic Substance List) Components of this product identified by CAS number are listed on the DSL or NDSL, or are otherwise in compliance with the New Substances Notification (NSN) regulations. Only Ingredients classified as hazardous are listed in section 2 unless otherwise indicated.

NFPA HAZARD RATINGS **FLAMMABILITY: 0** **HEALTH: 1** **REACTIVITY: 0** **PERSONAL PROTECTION: 0**

WHMIS RATINGS **FLAMMABILITY: 0** **HEALTH: 1** **REACTIVITY: 0**

This product should be reported as: Liquid mixture: Y

SECTION 16- OTHER INFORMATION

Product Sales Information: 1-800-551-5155

MSDS Information: 847-837-4100

MSDS in compliance with ANSI Z400.1-1988-16 section MSDS format

Date Prepared: **April 20, 2006**, MSDS# BTI-AB110--TC06

MSDS Prepared by: L. Fields

Disclaimer:

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The manufacturer believes it is accurate to the best of its knowledge, and relies only to specific material designated herein.