



1206 FULTON AVE.
SAN ANTONIO, TX 78201
www.acmesoap.com

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: LIVE MICRO-ORGANISMS

PRODUCT # 0540

MANUFACTURED BY: Acme Soap, Inc. Date Prepared: 04/17/00
1206 Fulton Ave. Date Revised: 11/14/2008
San Antonio, TX 78201
(210)731-9800

HMIS Rating: Health 1 , Flammability 0 , Reactivity 0 , Personal Protection N/A

I. CHEMICAL IDENTIFICATION:

NAME: LIVE MICRO-ORGANISMS

DESCRIPTION: Blended live bacteria cultures

OTHER DESIGNATIONS

MANUFACTURER

**EMERGENCY
PHONE NUMBER**

Proprietary blend

Acme Soap, Inc.
1206 Fulton Ave.
San Antonio, TX 78201

(800)424-9300
CHEMTREC

II. HAZARDOUS INGREDIENTS

Ingredient	% Concentration	Worker Exposure Limits
Ethoxylated alkylphenol	9016-45-9 2 - 4%	N/A
1,2-benzisothiazolin-3-1	2634-35-5 < 1%	N/A
Sodium Hydroxide	1310-73-2 < 1%	1 mg/m3
Dipropylene glycol	25265-71-8 < 1%	N/A
Chelating Agent	64-02-8 < 1%	N/A
Viable bacterial cultures	N/A 20 - 25%	N/A

III. HEALTH HAZARD DATA

General: Limited toxicity data are available on this specific product; this health assessment is based on the results of screening tests.

Possible routes of entry are skin, eyes, inhalation and ingestion.

Skin: Prolonged contact with skin could cause drying and / or other irritation. Wash affected areas with clear water.

Eyes: This material may cause eye irritation. Organisms used are non-pathogenic but can cause infection when contact with open wounds. These organisms are susceptible to many commonly-used antibiotics.

Causes burning and irritation. Flush eyes with large amounts of clear water for at least 15 minutes, forcibly holding the lids apart to ensure a thorough rinse. If irritation persists, consult a physician, preferably an ophthalmologist.

Ingestion: Drink water or milk to dilute. May cause abdominal discomfort, nausea, vomiting and diarrhea. Give victim two glasses of clear water. DO NOT INDUCE VOMITING, unless instructed by a physician. Obtain medical attention.

Never give anything by mouth to an unconscious person.

Inhalation: Move the victim to fresh air. If breathing is labored, contact a physician.
Wash contaminated clothing before reuse.

IV. SPECIAL PROTECTION INFORMATION

Use chemical resistant gloves and proper eye protection.
Wear chemical resistant clothing to cover exposed areas.
Use in a well ventilated area.
Wash with soap and water after handling.

V. SPECIAL PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

Keep from freezing and avoid temperatures above 110°F. Prevent skin and eye contact. Wash hands thoroughly with soap and water after use. Avoid contact with eyes.

VI. SPILL OR LEAK PROCEDURES

Spilled product may cause floors and stairways to become extremely slippery.
Immediately stop the leak if it is safe to do so.
Contain spills immediately and avoid discharge to natural waters.
Small spills may be flushed to sanitary sewer.
For larger spills, absorb spilled material with an inert material. Collect and store in an air-tight container.
Contaminated product must be disposed of in accordance with Federal, State and local regulations.

VII. REACTIVITY DATA

Hazardous polymerization will not occur.
Product is stable.
Prolonged or excessive heat may cause product decomposition.
This product is non-reactive.
Do not mix with other chemicals unless instructed by a competent person.
Contact with extremely concentrated amounts of acid or alkali may inactivate the biological cultures.

VIII. FIRE AND EXPLOSION DATA

Product is non-flammable.
In case of fire, use whatever extinguishing media that is compatible with surrounding materials.

IX. PHYSICAL DATA

Appearance: White liquid
Odor: Pleasant fragrance
pH: 7.0
Boiling Point: 212°F.
Specific Gravity: 1.00
Solubility: Complete in water.

NOTE:

The information provided on this Material Safety Data Sheet has been compiled from information obtained from the manufacturers of the raw material components of the product, as well as from laboratory tests on the finished product. There are no expressed or implied warranties to be derived from the information provided. The user assumes all risks in handling and must determine if this product is fit for its intended use.

The health hazards on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the diluted product under conditions of ordinary use.