

Section I – Product Identification

Manufacturer’s Name:

ACME Soap., Inc. for Practical Environmental Solutions
 1206 Fulton Ave.
 San Antonio, Texas 78201
 (210) 493-7172 Fax: (520) 447-5666

After Hours Emergency Assistance: CHEMTREC (800) 424-9300 (U.S.)

Product Name: PES-31™
Chemical Name: Bacteria Additive
Chemical Family: Bacterial
Formula: Bacteria Blend
Revision Date: 05/01/2008

<u>Hazard Rating</u>	<u>(HMIS)</u>	<u>Hazard Rating Scale</u>
Health:	0	0 = Minimal
Flammability:	0	1 = Slight
Reactivity:	0	2 = Moderate
Protective:	G	3,4 = Serious G = Gloves

Section II – Physical Data

Appearance and Odor: Tan/Off white liquid with slight odor
Specific Gravity: 1.0
Boiling Point: 100°C
Melting Point: NA
Vapor Pressure: NA
Solubility in Water: NA
Percent Volatile: NA
Evaporation Rate: NA

Section III – First Aid Measures

Eyes: Immediately flush eyes with running water for 15 minutes, lifting into upper and lower eyelids occasionally. Get immediate medical attention.

Skin: Should not cause irritation for normal use; however, if reaction occurs, immediately wash skin with soap and water. Remove affected clothing, wash before reuse. Get medical attention if irritation persists after washing.

Indigestion: Do not induce vomiting. Get immediate medical attention.

Inhalation: Should not cause irritation for normal use; however, if reaction occurs, remove to fresh air. Get immediate medical attention.



Section IV – Health Hazard Data

Threshold Limit Value (TLV):	None
Effects of Overexposure:	If taken internally will cause slight intestinal upset.
Emergency and First Aid:	Product is for external use only. If taken internally, call a physician.
Toxicity Testing:	RIFM Lists
Acute Oral:	LD ₅₀ (rat) > 5g/kg
Acute Dermal:	LD ₅₀ (rabbit) > 5g/kg
Signs and symptoms of overexposure:	None under conditions of expected use.
Medical Conditions Generally Recognized as Being Aggravated by Exposure:	None Known
Emergency & First Aid Procedures:	
Eyes:	Remove contact lenses at once. Flush with water for at least 15 minutes. If irritation persists, see a physician.
Skin:	Wash with soap and water.
Indigestion:	Do not induce vomiting. Get immediate medical attention.
Inhalation:	If symptoms of overexposure are experienced, evacuate to fresh air. If symptoms persist, seek medical attention.
Reported Human Effects:	Irritation – mildly irritating (none in 10% petrolatum).

Section V – Fire and Explosion Hazard Data

Flash Point (TOC):	NA
Flammable Limits:	NA
Extinguishing Media:	NA
Special Fire Fighting Procedures:	None
Unusual Fire and Explosion Hazards:	None

Section VI – Reactivity Data

Stability:	Stable
Conditions to Avoid:	Excessive or extreme heat, strong acids and bases, and bacterial compounds.
Hazardous Decomposition Products:	NA
Conditions to Avoid for Polymerization:	NA

Section VII– Spill, Leak, and Disposal Procedures

Steps to be taken in case Material is released or Spilled:	Rinse thoroughly with soap and water, dispose of down drain.
Waste Disposal Method:	Comply with all local, State, and Federal regulations.



Section VIII – Special Precautions

- Precautions to be taken in handling:** While PES-31™ should not pose any specific health hazard, it does contain very high levels of non-pathogenic micro-organisms and, therefore, precautions in handling are recommended. PES-31™ may cause irritation to skin and eyes. Avoid prolonged or repeated contact with skin. Avoid breathing mist. Do not take internally.
- Precautions to be taken in storage:** Avoid extreme or excessive heat. Store in cool, dry place.
- Other precautions:** Practice good housekeeping procedures.
- Container disposal:** Do not reuse container. When empty, rinse container before disposing. Dispose in accordance with local laws and ordinances.

Section IX – Shipping Classification

- Shipping Name:**
Hazard Class:
ID Number: NMFC #20380
Packaging Group:
Highway/Rail:
Air/Ship: Flight Class 60

Emergency Phone Numbers: CHEMTREC (800) 424-9300 U.S.)

Section X - Notice

All statements, information and data provided in this material safety data sheet are believed to be accurate and reliable, but are presented without guarantee, or responsibility of any kind, expressed or implied, on our part. Users should make their own investigations to determine the suitability of the information or products for their particular purpose. Nothing contained herein is intended as permission, inducement or recommendation to violate any laws or to practice any invention covered by existing patents.

