

MATERIAL SAFETY DATA SHEET

EMERGENCY: (800) 535-5053

Product Name: Puro Caff Espresso Machine Cleaner
Product Code: Q3101
Proper Shipping Name: Not applicable. This is a non-regulated material.

Manufactured for: Pacific Espresso
Effective Date: 8/10/98
Supersedes: 1/24/98

HAZARDOUS INGREDIENTS

	CAS#	TWA	STEL	SARA III	PROP 65	Carcinogen
Sodium Percarbonate	15630-89-4	None	None	No	No	No
Nonylphenol Polyethylene Ethoxylate	26027-38-3	None	None	No	No	No

PHYSICAL DATA

Boiling Point: Not Avail. **pH:** (1% Soln.) 11.0 - 11.4 **Viscosity:** Not App. **Vapor Pressure:** Not App.
Specific Gravity: 50#/ft³ **Evaporation Rate:** Not App. **Solubility:** Complete **Vapor Density:** Not App.
Appearance & Odor: White Powder, No Odor **Reactivity in Water:** None **Melting Point:** Not Avail. **Volatiles:** None

FIRE & EXPLOSION DATA

Health:..... 0... None **NFPA 704 Hazard Rating**
Fire:..... 0... Will Not Burn **4 = Extreme, 3 = High, 2 = Moderate**
Reactivity:..... 0... Stable **1 = Slight, 0 = Minimal**
Flash Point: None (Cleveland Open Cup)
Flammability Levels (LEL/UEL): Not App.

Extinguishing Media:..... This product is not combustible. Use water spray, foam, carbon dioxide, or dry chemical.
Fire & Explosion Hazard:... None
Conditions to Avoid:..... Open flames, welding arcs or other high temperature sources that induce thermal decomposition, which produce toxic fumes.

REACTIVITY DATA

Materials to Avoid: Strong acids. **Hazardous Decomposition Products:** None
Stability: Stable **Hazardous Polymerization:** Will not occur.

HEALTH HAZARDS

Eye Contact:..... Causes moderate to severe irritation. Prolonged and repeated contact can cause redness and tearing.
Skin Contact:..... May cause dryness with prolonged contact.
Ingestion:..... Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Inhalation:..... Spray or mist can be irritating to the upper respiratory tract.

FIRST AID

Eyes:..... Flush out immediately for at least 20 minutes with running water and seek medical attention. Washing eyes within one minute is essential to minimizing eye damage. Hold eyelids apart to ensure flushing of the entire surface.
Skin:..... Wash with water. If irritation persists, seek medical attention.
Ingestion:..... Never give anything to an unconscious person. If swallowed, induce vomiting. Give large quantities of water or milk. If vomiting occurs, keep always clear. Seek medical attention.
Inhalation:... Move person to fresh air and away from exposure. If breathing is difficult, administer oxygen and seek medical attention. Give artificial respiration if victim is not breathing.

SPILL OR LEAK PROCEDURES

Steps to Contain:
 ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leaks if you can do it without risk. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing (rubber boots and gloves). Contain spills with dry earth, sand or other non-combustible material and transfer to containers. Sweep up powder spills and transfer to containers. DO NOT GET WATER INSIDE CONTAINERS.
Recommended Waste Disposal Method:
 The materials resulting from the clean up may be hazardous waste and, therefore, subject to specific regulations. Package, store, transport, and dispose all clean-up materials and any contaminated equipment in accordance with all applicable federal, state, and local health environmental regulations. Shipments of waste materials are subject to manifesting requirements per applicable regulations. Ensure that all responsible federal, state, and local agencies receive proper notification of spills and disposal methods.

SPECIAL PROTECTION & PRECAUTIONS

Respiratory:..... None under normal use conditions. **Clothing:**..... None under normal use conditions.
Eye:..... None under normal use conditions. **Comments:**..... None under normal use conditions.
Storage:..... Keep in a cool, dry place. **Handling:**..... Do not stack or palletize over three high.

USER'S RESPONSIBILITY

It is the user's responsibility to provide a safe workplace. He or she should consider the health hazard and safety information contained herein as a guide and take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment.
 The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.

Pacific Espresso
 Santa Cruz, CA 95062
 (831) 429-1920