

# SAFETY SHEET

(as per Ministerial Decree 4 April 1997 and CEE 93/112)

<b>1. PULY CAFF CLASSICO powder</b> <b>SPECIAL DETERGENT FOR COFFEE MACHINES AND CUPS</b>
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Composition submitted to the Ministry of Health and Environment – PROFESSIONAL USE

*...more than just cleanliness!*

- 1.1. **Features: PULY CAFF CLASSICO Powder** was the first cleaner specifically designed in our Special Applications Research Centre, to service the delivery unit (jet, filter, filter holder) and the washout valve of espresso coffee machines. It improve hygienizing, deodorizing and clean without increasing the extraction of toxic metals from common materials of fabrication in espresso machines when used and rinsed according to the manufacturer's instructions (**experimentally tested technical relation 2026-99-LABANALISIS**). It is also unique for soaking cups, teapots, etc.: it cleans and eliminates all traces of coffee from crockery without affecting decorations in any way.
2. **INGREDIENTS**  
Mixture of salts buffered for a moderately alkaline solution: less than 5% anionic, non-ionic and amphoteric surfactant. Considering its essential characteristics, to date the product has not been classified in any of the categories provided for by the EC Directive as regards "classifying, regulating, packaging and labelling hazardous substances".
3. **WARNINGS**  
**Do not swallow – Do not breath in the powder - Keep out of the reach of children** - If used improperly the product may cause irritation to the eyes and skin.  
Hazard symbols: **NONE**.
4. **FIRST AID**  
If some product is swallowed accidentally, do not provoke vomiting and consult a doctor immediately. In the event of contact with the eyes, rinse thoroughly with running water.
5. **FIRE PREVENTION**  
The product is not to be considered inflammable.
6. **ACCIDENTAL SPILLS**  
Carefully pick up any spilled product and transfer to a new and dry package. Wash the affected area with water.
7. **HANDLING AND STORAGE**  
No particular precautions are required during handling. Store under cover. Packages shall be kept well closed to prevent product from lumping or dissolving. During transport, packages shall also be protected against damp and heat.
8. **PERSONAL PROTECTION CONTROL**  
Not envisaged for users. Anyway avoid prolonged contact with the skin.



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## PULY CAFF CLASSICO Powder

### 9. CHEMICAL AND PHYSICAL PROPERTIES

- Form: smooth granular powder
- Smell: none
- Gas release temperature: over 80°C.
- Explosion limits in the atmosphere: non-explosive.
- Melting point: 100°C in oven for 2 hrs in closed container.
- Hydrogen factor (1% solution in H<sub>2</sub>O): pH 11 ± 0,5
- Solubility in H<sub>2</sub>O: 10% at 100°C
- Specific weight: 900 g/l.

### 10. STABILITY AND REACTIVITY

The product may produce significant reactions, including the release of gas, if exposed to sources of heat or damp, or if placed in contact with reducing agents. It becomes effervescent during solubilization in water and, as it contains alkaline compounds, it reacts violently to strong acids.

### 11. TOXICITY DATA

Acute oral toxicity: LD<sub>50</sub> well over 2.000 mg/Kg as tested on rats, therefore **not considered toxic** for humans.

### 12. ECOLOGICAL DATA

On average, the anionic and non-ionic surface-active agents in the product are over 90% biodegradable.

### 13. DISPOSAL

The product is not considered hazardous waste. Nevertheless, disposal shall comply with Leg. Decree No. 22, 5/2/97 as an alkaline detergent, special waste disposal class. IEC Code 200116.

### 14. TRANSPORT

Product not subject to ADR standards, EC directive. During transport, packages shall be protected against rain, damp and sources of heat.

### 15. RELEVANT REGULATIONS

The product complies with the following provisions in force: Law 136-26/04/83 – Ministerial Decree 46-28/01/92 – Ministerial Decree 211-04/11/96.

### 16. OTHER/SUNDRY

The aforementioned data have been provided in good faith and to the best of our knowledge. However, no explicit or implicit guarantee is provided.

AUTHORIZATION IS HEREBY GRANTED TO PHOTOCOPY THIS DOCUMENT FOR THE PURPOSE OF CORRECTLY INFORMING END USERS OF THE PRODUCT.

Customs item for export: **PRODUCT 34029090 T.D.C. (STANDARD CUSTOMS TABLE)**

LATEST UPDATE: 25/02/00



# TECHNICAL DATA SHEET / H.A.C.C.P. SPECIFICATIONS

## **PULY CAFF CLASSICO Powder** SPECIAL DETERGENT FOR COFFEE MACHINES AND CUPS

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**FEATURES: PULY CAFF CLASSICO Powder** was the first cleaner specifically designed in our Special Applications Research Centre, to service the delivery unit (jet, filter, filter holder) and the washout valve of espresso coffee machines. It improve hygienizing, deodorizing and clean without increasing the extraction of toxic metals from common materials of fabrication in espresso machines when used and rinsed according to the manufacturer's instructions (**experimentally tested technical relation 2026-99**). It is also unique for soaking cups, teapots, etc.: it cleans and eliminates all traces of coffee from crockery without affecting decorations in any way.

### **DIRECTIONS FOR USE:**

**To clean the delivery filter and washout valve only:** a) replace the filter with holes with the blind one provided; b) add half spoonful (about 20g) of **PULY CAFF CLASSICO Powder**; c) let in water and wait for at least 30-60 seconds and then drain off the water and rinse thoroughly 10 times until the water drained is clean.

**To clean the filters, filter holder cup and crockery manually:** prepare a solution of 2 spoonfuls (about 40g) of **PULY CAFF CLASSICO Powder** for every litre of very hot potable water, using plastic, stainless steel or glass (but not aluminium) containers; leave the items to soak completely for 20-30 minutes (or overnight) and then rinse thoroughly in running water. **PULY CAFF CLASSICO Powder** is fully effective in eliminating coffee stains and traces of lipstick from the cups and grease from the handles, leaving them perfectly shiny and without any smell.

**FREQUENCY OF USE: PULY CAFF CLASSICO Powder** is generally used every 500 cups of coffee as far as unit maintenance is concerned and weekly to keep the crockery clean and bright. We anyway advise preventive measures to protect the equipment from irreversible damage and to get the most out of your blend of coffee. Remember that a clogged unit does not get the best out of the blend and the coffee will be watery and have a characteristic burnt taste.

**SELF CHECK:** Inspect the result. Check that it smells right. If necessary, repeat the washing operation.

**CRITICAL POINTS:** Check that the filter and the seal with underpan filter are whole, and if necessary replace with new spare parts. Check that the dripping pan drain is not clogged so that the **PULY CAFF CLASSICO Powder** reaction foam can flow out freely.

**DATA AND SAFETY: See the SAFETY SHEET.** During washing, be careful of splashes of boiling water; use protective garments (gloves etc.).

### **PACKAGES:**

900-g pot

12-pots carton