



SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

PULY CAFF[®] Plus Powder and Tabs

SPECIAL CLEANER FOR COFFEE MACHINES AND CUPS

Composition submitted to the Ministry of Health – PROFESSIONAL USE

...more than just cleaning!

1. COMPANY AND PRODUCT IDENTIFICATION

- 1.1. Commercial name: **PULY CAFF Plus Powder - PULY CAFF Plus Tabs**
- 1.2. Use: Coffee Machines Cleaner
- 1.3. Supplier Manufacturer: JAGUAR ESPRESSO SYSTEMS UNIT 1 ALBURY CLOSE, READING RG30 1BD
Tel. 0118 959 9204 - Fax. 0118 959 9205
www.jesuk.com sales@jaguarespresso.co.uk

2. 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.
The substances used are not dangerous in accordance with dir. 67/548/CEE regard the nature and quantity of employed substances.

3. INGREDIENTS

This product is a preparation in the meaning of regulation (EC) 1907/2006 (REACH).
Buffering of low alkaline sodium salts. All materials are in compliance with Food and Drug Administration CFR title 21 concerning substances in contact with food equipments. The formulation is registered, tested and certified by NSF International. Protocol P152.

4. FIRST AID

If some product is swallowed accidentally, do not provoke vomiting and seek medical advice immediately showing him this sheet. 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. If correctly stored, the product will remain active for long time.

8. PERSONAL PROTECTION CONTROL

Not envisaged for users. Anyway avoid prolonged contact with the skin.

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9. CHEMICAL AND PHYSICAL PROPERTIES

- Form: smooth granular powder or tabs
- Smell: none
- Gas release temperature: over 80°C.
- pH (1% solution in H₂O): 10 ± 0,5
- Solubility in H₂O: 2% at 100°C
- Specific weight: 900 - 1.300 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 acid agents. It becomes effervescent during solubilization in water and, as it contains alkaline compounds, it reacts to strong acids.

11. TOXICITY DATA

Acute oral toxicity: LD₅₀ well over 2.000 mg/Kg as tested on rats, therefore **NOT considered toxic** for humans.

12. ECOLOGICAL DATA

The compound is in accordance with the Reg. 648/2004 CE pertinent to biodegradability of cleaners. Do not scatter the product in the environment.

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: Dir. 67/548/CEE (labelling of hazardous substances) – Reg. 648/2004 CEE (biodegradability of cleaners) - Regulation (EC) 1907/2006 (REACH)

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: 01/11/2009



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

PULY CAFF® Plus Powder and Tabs

SPECIAL CLEANER FOR COFFEE MACHINES AND CUPS

...more than just cleaning!

FEATURES: PULY CAFF Plus Powder and Tabs was the first cleaner specifically designed in our Special Applications Research Centre, to service the brewing unit (shower, filter, filter holder) and the back-flush valve of espresso coffee machines. It improve 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 (**Tested and Certified by N.S.F. International - Protocol P152 Health Effects and Corrosivity of Commercial Espresso Machine Chemical Cleaner**). It is also unique for soaking cups, teapots, etc.: it cleans and eliminates all traces of coffee, tea or milk from crockery without affecting decorations in any way.

DIRECTIONS FOR USE: Complete cleaning of the brewing filter, filter holder and back-flush valve unit: **a)** place a rubber disk in the filter holder; **b)** use the normal coffee filter with micro-holes and add 1 teaspoon (about 3 - 10g) of **PULY CAFF Plus**; **c)** start brewing cycle and wait for at least 30 seconds and then drain off the water and rinse thoroughly until the water drained is clean. **Cleaning of the shower filter and back-flush valve unit only:** **a)** replace the filter with holes with the blind one provided; **b)** add 1 teaspoon (about 3 - 10g) of **PULY CAFF Plus**; **c)** start brewing cycle and wait for at least 30 seconds and then drain off the water and rinse thoroughly until the water drained is clean. **Manual cleaning of the brewing filters, filter holder and crockery:** prepare a solution of 2 teaspoon (about 6 - 20g) of **PULY CAFF Plus** for every litre of hot water, using the Soak Cleaning System or a plastic, stainless steel or glass containers; leave the items to soak completely for at least 15 minutes (or overnight) and then rinse thoroughly with potable water. **PULY CAFF Plus** is fully effective in eliminating coffee, tea or milk stains and traces of lipstick from the cups and crockery, leaving them perfectly shiny and without any smell.

FREQUENCY OF USE: PULY CAFF Plus 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 dirty brewing 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 Plus** 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:

Puly Caff Plus Powder

32oz.-900g pot (flapper dose cap)	12 pots per case
20oz.-570g pot (flapper dose cap)	12 pots per case
13oz.-370g pot (flapper dose cap)	12 pots per case
20g 10 sachets in box	24 boxes per case

Puly Caff Plus Tabs

Ø20 mm. 4,0g - 120 tabs pot	12 pots per case
Ø16 mm. 2,5g - 60 tabs pot	24 pots per case
Ø10 mm. 1,0g - 100 tabs pot	24 pots per case
Ø10 mm. 0,5g - 200 tabs pot	24 pots per case