

# SAFETY SHEET

(As per reg. CE 1907/2006)

<p><b>PULY CLEANER® DESCALER</b> ELECTRIC COFFEE MACHINE AND WATER HEATER DESCALER</p>
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1. **COMPANY AND PRODUCT IDENTIFICATION**

- 1.1. Commercial name: **PULY CLEANER DESCALER**  
1.2. Use: descaler for electric coffee machine and water heater  
1.3. Supplier: ASACHIMICI – Via N.Sauro,24 – 26039 VESCOVATO (CR) ITALIA  
Tel. +39 0372 830494 - Fax. +39 0372 830029  
Marco Carubelli (info@asachimici.com)  
1.4. Emergency call: Poisons center – Ospedale di Niguarda – Mi - Tel. +39 02/66101029

2. **HAZARDS**

Irritating to eyes. Non classified products as per reg. 67/548/CEE.  
Acid composition – Keep away from the reach of children – Avoid contact with eyes/skin.

3. **INGREDIENTS**

This product is a preparation in the meaning of regulation (EC) 1907/2006 (REACH).  
Contains > 30% organic hydrocarbossilic acids food grade (GRAS) and buffering substances.

4. **FIRST AID**

In case of contact with eyes rinse immediately and abundantly with water and contact a doctor. In case of contact with the skin, rinse abundantly with water. If swallowed, incident or disease, contact immediately your doctor showing this label.

5. **FIRE PREVENTION**

In case of fire, use sprayed water, foam. During extinction use a rebrether.

6. **ACCIDENTAL SPILLAGE**

Wear gloves and protection garments. Use a dustpan, broom or vacuum cleaner to clean up any spillage. To complete rinse with water. The solution must be neutralized with alkali.

7. **HANDLING AND STORAGE**

Avoid contact with the skin for long time – Wear gloves if necessary – Protect eyes and skin – Store in a dry, ventilated place away from oxidizing agent or strong base.

8. **INDIVIDUAL PROTECTION CONTROL**

The product is NOT classified as dangerous, however be sure to protect eyes and skin.

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### 9. CHEMICAL AND PHYSICAL PROPERTIES

- Physical characteristics/odour: white crystal powder/odourless
- Decomposition temperature: 150°C.
- Melting point: >135°C
- Hydrogen factor of the solution at 2% in H<sub>2</sub>O: pH 2,3
- Solubility in H<sub>2</sub>O: > 20%
- Specific weight at 20°C: 1250 g/l.

### 10. STABILITY AND REACTIVITY

The dry product under normal conditions is stable in a wide interval of temperature (0 ÷ 100°C). If mixed with strong bases can produce an exothermic reaction. If mixed with carbonate develops CO<sub>2</sub>. Due to the specific characteristics the compound is inhibited against the metal corrosion up to 100°C.

### 11. TOXICITY

Oral toxicity of the ingredients: LD<sub>50</sub> over 10.000 mg/Kg (rats). No effects on test of Salmonella Typhimurium.

### 12. ECOLOGIC DATA

Do not throw away in the environment. 99% biodegradable. Not contains phosphate.

### 13. WASTE DISPOSAL

Recover if possible. Send to an authorized waste centre. When operating local and national disposal current regulations must be applied.

### 14. TRANSPORTATION

Not applicable to the rule of dangerous substances transportation (A.D.R.)

### 15. REGULATIONS

The product complies with the currently provisions in force of labelling and packaging of dangerous materials: reg 67/548/CEE.

### 16. OTHER

All data contained in this document are supplied in good faith and are true and valid to the best of our knowledge. However, no explicit or tacit guarantees are provided in case of improper use or misuse of product.

AUTHORIZATION IS HEREBY GRANTED TO PHOTOCOPY THIS DOCUMENT FOR THE SOLE PURPOSE OF INFORMING PRODUCT END-USERS ABOUT HOW TO USE THE PRODUCT CORRECTLY.

**For customs use only: PRODUCT No. 3824 90 45 T.D.C.**

**DATE OF LAST UPDATE: 01/06/2010**

# SAFETY SHEET / H.A.C.C.P. SPEC.

## PULY CLEANER® DESCALER ELECTRIC COFFEE MACHINE AND WATER HEATER DESCALER

Formula submitted to the Ministry of Health

**CHARACTERISTICS:** PULY CLEANER DESCALER for electric coffee machines for home use. This product is based on the company's experience over many years as a market leader in the area of special detergents and decalcifiers for espresso coffee machines. It is specially designed to remove calcium and magnesium deposits from boilers, pipes and brewing units. Periodic use of this product will ensure that coffee produced by the machine preserves its taste. The product does not corrode rubber seals, and leaves no traces or odour behind. No special care is required for use.

**DIRECTIONS FOR USE:** Dissolve one sachet in 1.5 litres of lukewarm water and pour the solution into the water tank. Remove the filter casing, switch on the pump and leave it running for 20 seconds. Wait some 15 minutes then switch on pump again for 20 seconds. Repeat this operation every 2 minutes until all the solution is used up. Wash the tank, fill it up with clean water again, switch on the pump and run it until it is empty.

**FREQUENT USE:** Use the PULY CLEANER DESCALER whenever the water supply shows signs of blocking. Decalcify once a month, or after every 120 cups of coffee/tea.

**AUTOCHECK:** be sure to verify the result of the operation; make sure that water jets are not blocked in any way. Water must not spurt out. Repeat the operation if necessary.

**CRITICAL POINTS:** check that jets and water/steam nozzle are decalcified.

**INFORMATION AND SAFETY PRECAUTIONS:** the product is NOT classified as a hazardous substance. However, during the use avoid any jet of boiling water and protect the eyes and the skin.

### PACKAGING:

- single dose 30g sachet  
carton X 350 sachets.
- single dose 30g sachet  
blister pack dispenser X 20 sachets  
carton X 2- dispenser (40 sachets)
- box X 10 single dose 30g sachet  
carton / 24 box.

