

# SAFETY SHEET

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

1.	<b>PULY MILK NSF Liquid</b> <b>CLEANER FOR AUTOMATIC CAPPUCCINO MAKERS</b>
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Composition submitted to the Ministry of Health and Environment – PROFESSIONAL USE

*...more than just cleaning!*

- 1.1. **Features: PULY MILK NSF Liquid** is the result of constant product developments, specifically designed in our Special Applications Research Centre to service the automatic CAPPUCCINO MAKER every day. What's more, **PULY MILK NSF Liquid** provides “**more than just cleanliness**”. It improve deodorizing and keeps the CAPPUCCINO MAKER running smoothly, removing any organic residues that may cause malfunctioning, or give rise to mould or bad smells (**Tested and Certified by N.S.F. International - Protocol P152 Health Effects and Corrosivity of Commercial Espresso Machine Chemical Cleaner**).
2. **INGREDIENTS**  
All materials are in compliance with Food and Drug Administration CFR title 21. The formulation is registered, tested and certified by NSF International.
3. **WARNINGS**  
Since it is a liquid product with an alkaline reaction, if used improperly the product may cause irritation to the eyes and skin. Do not swallow – If swallowed it may cause gastrointestinal problems - **Keep out of the reach of children**  
Hazard symbols: **NONE**.
4. **FIRST AID**  
In the event of contact with the eyes, rinse immediately and thoroughly with running water and consult a doctor. In the event of contact with the skin, rinse thoroughly with running water. If some product is swallowed accidentally, do not provoke vomiting, get the patient to drink a lot of water in small doses and consult a doctor, showing him this file.
5. **FIRE PREVENTION**  
The product is not to be considered inflammable.
6. **ACCIDENTAL SPILLS**  
For small quantities, absorb with sawdust and dispose normally. For large quantities, contact your local Public Health Service.
7. **HANDLING AND STORAGE**  
Avoid prolonged contact with the skin – Transfer with care and do not splash. Store in a cool, dry and ventilated place.
8. **PERSONAL PROTECTION CONTROL**  
Since it is a liquid alkaline product, if necessary use suitable gloves and protective glasses.



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PULY MILK NSF Liquid

## 9. CHEMICAL AND PHYSICAL PROPERTIES

- Form:	clear liquid
- Evaporation temperature:	105 °C.
- Boiling point:	110 °C
- Hydrogen factor (1% solution in H <sub>2</sub> O):	pH 10.5 ± 0,5
- Solubility in H <sub>2</sub> O:	in all proportions
- Cloud point:	> 100 °C
- Pour point:	< 0 °C
- Specific weight at 20 °C:	1300 g/l.

## 10. STABILITY AND REACTIVITY

The product is stable in a wide temperature range (0 ÷ 100 °C). If mixed with strong acids, it may produce an exothermic reaction.

## 11. TOXICITY DATA

Acute oral toxicity of the ingredients: LD<sub>50</sub> well over 2.000 mg/Kg, therefore **not considered toxic**.

## 12. ECOLOGICAL DATA

Do not scatter the product in the environment. Organic substance over 90% biodegradable. Does not contain nitrilacetates.

## 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 200115.

## 14. TRANSPORT

Product and packaging comply with ADR standards, EC directive.

## 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 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 in the event of inadequate or improper use of the product.

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: 20/01/2001



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

## **PULY MILK NSF Liquid**

**CLEANER FOR AUTOMATIC CAPPUCCINO MAKERS**

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**FEATURES:** **PULY MILK NSF Liquid** is the result of constant product developments, specifically designed in our Special Applications Research Centre to service the automatic CAPPUCCINO MAKER every day. What's more, **PULY MILK NSF Liquid** provides “**more than just cleanliness**”. It improve deodorizing and keeps the CAPPUCCINO MAKER running smoothly, removing any organic residues that may cause malfunctioning, or give rise to mould or bad smells (**Tested and Certified by N.S.F. International - Protocol P152 Health Effects and Corrosivity of Commercial Espresso Machine Chemical Cleaner**).

**DIRECTIONS FOR USE:** **to clean the automatic cappuccino maker:** **a)** dilute 50 ml of **PULY MILK NSF Liquid** in 1 litre of cold water; **b)** get the solution absorbed by means of the suction tube by repeatedly pressing the button indicated in the machine instructions; **c)** rinse by getting at least 2 litres of clean water sucked in. It is absolutely impossible to get the cappuccino maker to suck in hot water so only use unheated water.

**To clean the whole machine:** prepare a solution of 50 ml of **PULY MILK NSF Liquid** for every litre of boiling water, using plastic, stainless steel or glass (but not aluminium) containers; dismantle the cappuccino maker completely and leave the parts to soak for 2-3 hours (or overnight) and then rinse thoroughly once with clean water and repeat.

**FREQUENCY OF USE:** **PULY MILK NSF Liquid** is generally used every 50/100 cups of foamed milk and whenever you need to restore the machine to efficient working order. We anyway advise preventive measures **at least once a day**, to prevent the heated milk from drying and forming a hard crust that is difficult to remove quickly.

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

**CRITICAL POINTS:** Check that the seals are whole, and if necessary replace with new spare parts. Check that the dripping pan drain is not clogged so that the **PULY MILK NSF Liquid** 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:**

1 L-bottle (20 doses)    12-bottle carton  
100-ml bottle (2 doses)    24-bottle carton