



TENZI®

ECOLOGICAL CERTIFICATE

ECO KITCHEN

Ready to use product designed for degreasing surfaces resistant to moisture.

Composition (according to: 648/2004/EC): <5% non-ionic surfactants, 5÷15% anionic surfactants, aroma composition, auxiliary substances.

Ecological properties of each ingredient:

Non-ionic surfactants

Origin: corn, wheat, vegetable oils.

Vulnerability to biodegradation: complies with the biodegradability criteria laid down in WE 648/2004.

Biodegradability: easily biodegradable >80%/28d (OECD 301D).

Ecotoxicity: LC50 fish = 198 mg/l/96h, EC50 daphnia >100 mg/l/48h.

Aroma composition

Aroma composition complies with the European ECOLABEL requirements.

Auxiliary substances (chelating compounds)

Biodegradability: easily biodegradable >80%/28d (OECD 301D).

Ecotoxicity: LC50 fish >100 mg/l/96h, EC50 daphnia >100 mg/l/48h, EC50 algae >100 mg/l/72h.

Alcohols

Origin: petroleum or grain.

Biodegradability: mostly biodegradable >70%/10d.

Ecotoxicity:

Fish: LC0 7020 mg/l/48h, LC50 8970 mg/l/48h, LC100 9750 mg/l/48h, LC50 9640 mg/l/48h.

Crustaceans: ECO 5102 mg/l/24h, EC50 9714 mg/l/24h, EC100 >10000 mg/l/24h.

Every surfactant fulfil the biodegradability criteria laid down in Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (with later changes). Remaining substances exhibit high biodegradability grade and decomposition in maximum 28 days. Thanks to this fact, products can be used in households and institutions that have biological sewage plants.