

DISHWASHING PRODUCTS

473 – Dishwashing Liquid Handwash

Available in 0.50ltr and 5.00ltr

**Description:** High grease cutting power and yet gentle on your hands: the perfect dishwashing liquid for spotless, sparkling plates and crockery. Also recommended for cleaning windows! The product has been dermatologically tested (on people) and its excellent skin compatibility has been confirmed by independent institutes. Suitable for commercial and domestic use.

**Ingredients:** Water; sugar surfactants (>10%); coconut fat\*; potash soap; castor oil potash soap; citrate; potash; glycerine; alcohol (all 1-10%)

\* from controlled biological cultivation



475 – Dishwasher Powder

Available in 3.0kg drums

**Description:** No more sticky food residue on plates and crockery: this dishwasher powder removes all residues perfectly and is free from phosphates, chlorine and enzymes. Very economical and suitable for commercial and domestic use.

**Ingredients:** Metasilicate (>30%); percarbonate (15 - 30%); citrates, layered silicates (5 –15%); sodium carbonate, glycerine (>5%).



476 – Rinsing Aid

Available in 0.5ltr

**Description:** Spectacular gloss: rinse aid for spotless, sparkling glasses and crockery from your dishwasher.

**Ingredients:** Water; citrate; vinegar (all > 10%); lactic acid; sugar surfactants(both 1-10%).



477 – Dishwasher Salt

Available in 3.0kg packs.

**Description:** Protects the life of your dishwasher: fine grained, pure, natural regeneration salt for safeguarding the operation of your dishwasher.

**Ingredients:** Sodium chloride.



Gentle Chemistry –  
Your advantages at a glance

Raw Materials, made by the sun

Awalan extracts its active substances from plant materials instead of using petroleum. Over millions of years, plants have mastered the “gentle chemistry” of living beings – disposal of waste by biodegradation, decentralised and highly efficient. Awalan banks on solar energy and ecological cycles - right from the beginning.

*Saving of fossil energy – no toxic waste*

Principal raw material from  
controlled biological culture

Our chief plant oils, namely sunflower oil and coconut fat, originated from controlled biological cultures (CBC). Biological control means no utilisation of mineral fertilisers or synthetic pesticides sprays.

*Greater independence of agriculture – less artificial chemistry in the environment*

Dioxide from gentle well-  
manageable production

To make our soaps we process exclusively non-cracked plant oils and thereby exploit their diversity. In contrast to many “native” substances, we avoid extreme chemical alienation of the plant materials.

*Your advantage: protection against ecological fraud – ecological production methods*

Biodegradability: Back in the  
ecological cycle almost immediately

Partial biodegradability of washing agents is stipulated by legislation, Awalan goes beyond this: We guarantee rapid complete biodegradability as mineralisation. Within a few days carbon dioxide and water are all that is left of our active substances.

*No persistent residues – improved soil and plant health*

UNIVERSAL CLEANERS

471 – Universal Cleaner

Available in 0.5ltr and 2.0ltr

**Description:** Eliminates the most stubborn soiling: concentrated cleaner for highly soiled tiled and pvc floors and many other surfaces. Suitable for commercial and domestic use. Reference projects available on request.

**Ingredients:** Water (> 10%); sunflower oil\*; coconut oil potash soap; palm kernel potash soap; glycerine; soya oil, rape oil and colza oil potash soaps; alcohol; terpene alcohol; orange oil; rosemary oil; lavender oil (all< 1%),

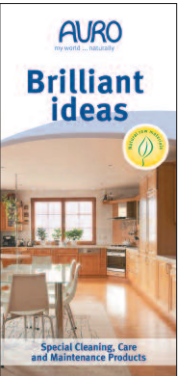
\*From controlled biological cultivation



**AWALAN** is the trademark for ecologically and flawless natural household products of the CO2 neutral Company Auro Plant Chemie Ltd. in Braunschweig, Germany.

**AWALAN** household cleaners, laundry detergents, kitchen cleaner as well as soaps can support and work with the environment, because they are used in the home every day. Our advice therefore, cleaning products from AWALAN and Auro for everyday use.

**AWALAN** offers a wide range of intelligent products, for all areas of ecological washing and cleaning.



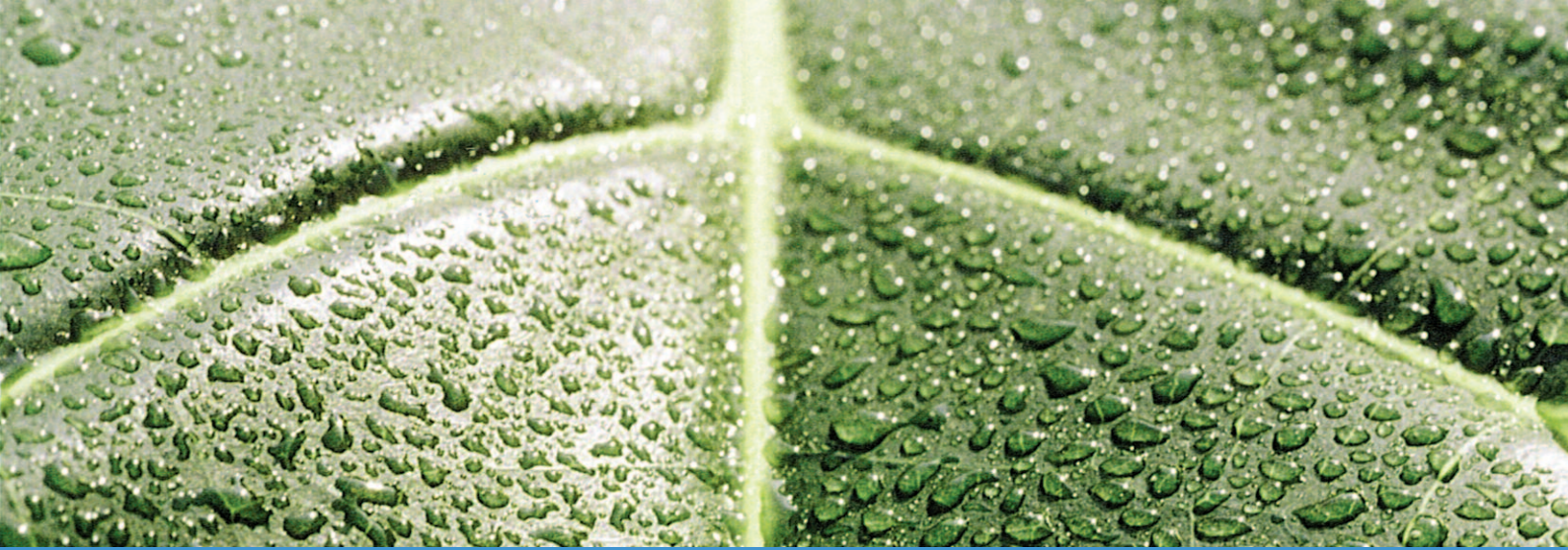
For more 100% Natural Cleaning and Care products please view [www.ecologicalbuildingshop.ie](http://www.ecologicalbuildingshop.ie) and check Auro – Brilliant Ideas

Cleaning Agents

AWALAN is fully decomposable.

The investigation report of an independent environmental laboratory has confirmed that AWALAN Basic laundry detergent and AWALAN Universal cleaner are completely decomposed in sewage sludge after just a short time. After eight days, more than 90 % of the fatty acids were broken down and only detectable in trace amounts after as short a time as 18 days.

The vegetable surfactants in AWALAN therefore achieve something which surfactants produced from mineral oil cannot achieve; vegetable surfactants contain structures which can be completely broken down by bacteria.



AWALAN  
Washing & Cleaning Solutions



eco logical  
BUILDING SYSTEMS LTD

Sole agents in Ireland

T. +353 (0) 46 9432104  
F. +353 (0) 46 9432435

E. [info@ecologicalbuildingsystems.com](mailto:info@ecologicalbuildingsystems.com)  
[www.ecologicalbuildingsystems.com](http://www.ecologicalbuildingsystems.com)

eco logical  
BUILDING SYSTEMS LTD





Description:

- Washing and cleaning with the power of nature

- 100% Natural Ingredients

- All Ingredients are from controlled biological cultivation

- Skin friendly

- Dermatological tested on humans

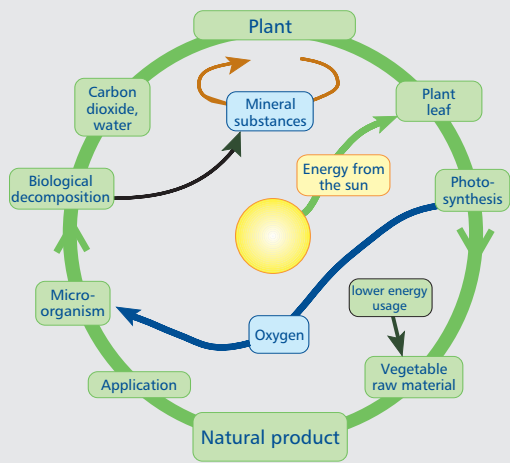
- Awalan Washing and Cleaning product are compostable

- Universal cleaner decomposed in less than 18 days

- Awalan Laundry detergents are completely free from perfumes

- Awalan Laundry detergents & Washing powders is free of optical brightners and enzymes

- Saving of fossil energy – no toxic waste material



AWALAN – Body care & Hygiene

Your skin, the largest organ of your body, will thank you for it, The environment too.

It is understandable that our product philosophy has an influence on the skin, but we at Awalan wanted to know more precisely. Dermatological tests were carried out by an independent laboratory using the *Duhringchamber* test method. In this test, products are not tested for their suitability for use, but merely for their irritation potential. The test entails the application of various diluted and undiluted product to the inside upper arm by means of aluminium chambers for a certain period of time (in this case eight days). The different reactions of the test on persons are then evaluated. The results showed the skin toleration of Basic laundry detergent and Dishwashing liquid to be very good. A comforting result which is of interest above all to allergy sufferers, who suffer particularly from detergent residues on clothes and sheets and need to be careful about coming into contact with other cleaning agents. AWALAN products therefore offer a genuine alternative.

PRODUCTS

491 – Liquid Handwash

Available in 0.5ltr and 5.00ltr.

**Description:** Are you sensitive to odours? Use our pure vegetable soap which contains neither natural nor synthetic scents. Hands feel soft even after repeated use. Suitable for domestic and commercial use.

**Ingredients:** Water; glycerine (>10%); soda soaps from sunflower oil\*, palm kernel fat, coconut fat\*,soya oil, rape oil and castor oil; citrate; potash; alcohol (all 1-10%); extract from camomile blossoms; lavender oil; bergamot oil (all < 1%)(\* from controlled biological cultivation)



490 – Bar Soap

Available in 75grm bars.

**Description:** Are you sensitive to odours? Use our pure vegetable soap which contains neither natural nor synthetic scents. Hands feel soft even after repeated use. Suitable for domestic and commercial use.

**Ingredients:** Coconut fat\*, palm kernel fat, soya oil – soda soap (\* from controlled biological cultivation)



AWALAN - CLOTH AND FABRIC CARE

480 – Basic Laundry Detergent

Available in 2.0ltr & 5.0ltr

**Description:** Scent-free, fibre protecting liquid washing detergent for water temperature from 30-60 °C. Dermatologic tested (on Humans) by an independent Institution and accredited as very good skin compatibility. For hard water (High in Lime) please test first with AWALAN 09300 Test paper and add AWALAN 482 Water Softener Component. For white laundry add AWALAN 485 Stain-Removing Bile Soap Liquid. AWALAN 480 does not include optical brightener therefore it is recommended for use with coloured laundry.

**Ingredients:** Water (>10%); potash soaps from sunflower oil\*, palm kernel fat, coconut fat\*, soya oil, rape oil and castor oil; alcohol, citrate, potash, (all 1-10%). Content of wash-active substances: 33%.  
\* From controlled biological cultivation.



481 – Basic Washing Powder

Available in 2kg & 4kg

**Description:** Free of fragrances, powerful washing powder for water temperature from 40-95 °C. For hard water (High in Lime) please test first with AWALAN 09300 Test paper and add AWALAN 482 Water Softener Component. For white laundry add AWALAN 483 Bleaching Component. AWALAN 481 does not include optical brightener therefore it protects coloured laundry.

**Ingredients:** Soaps from palm kernel fat and coconut fat\* (>10%);sodium metasilicate, layered silicate, soda, sodium citrate, swelling clay, (all 1-10%); water, glycerine (<1%) (\*From controlled biological cultivation).Content of wash-active substances: 60%.



482 – Water Softener Component

Available in 0.75KG & 2.50KG

**Description:** Water Softener Component, for protection of your washing machine against lime scale. Water Softener as an Accessory for Basic-Laundry Detergent and Basis-Washing Powder.

**Ingredients:** Precipitated silicate, zeolite, citrate (>10%); active clay (1-10%)



Awalan the detergent component System

One remark often past of conventional washing products. "I've no interest in learning how to use individual components". But a glance into the cleaning cupboard will often reveal a normal washing detergent, a detergent for delicates, a detergent for woolens, a softener and frequently also a stain remover.

Most consumers don't realize how expensive a wash can become, and how many useless components end up in the washing machine. Many people purchase what they consider to be special offers in giant drums, but don't compare the dosage levels for each wash, which, apart from the active substance itself (surfactant), also introduce numerous other substances into the laundry.

Also, conventional detergents always contain a certain proportion of water softener. Applying the correct dosage for a certain degree of water hardness, which can vary tremendously between regions, is only possible with a corresponding increase or decrease in the amount of detergent. In areas with very soft water, the addition of softener is unnecessary. If the water is very hard, the consumption of detergent must be disproportionately increased in order to provide the machine with sufficient softener. Through this increase, the amounts of all other components increase together with the amount of softener needed.

483 – Bleaching Component powder

Available in 0.35kg

**Description:** Mishaps happen! Stain removal made easy: Add bleaching component to our basic laundry detergent or washing powder to remove stubborn tea, wine, fruit juice or grass stains. For washing temperatures of 60 °C. The active oxygen's discolouring power makes your whites even whiter.

**Ingredients:** Soda, sodium percarbonate (>10%)



485 – Stain-Removing Bile Soap, Liquid

Available in 0.50ltr.

**Description:** Collar dirt on shirts, sleeves and Work clothes, removes grease and food stains (sauces, juice, blood etc.) Can be applied direct on the stain, let it soak for some time and rinse. Alternatively leave the laundry soak in bile soap and water and then wash as usual in your washing machine.

**Ingredients:** Water (>10%); soda soaps from sunflower oil\*, palm kernel fat, coconut fat\*, soya oil, rape oil and castor oil; glycerine, fresh bovine bile, alcohol, citrate, potash, pine terpene alcohol, rosemary oil, orange oil, lavender oil (all 1-10%).  
\*: from controlled biological cultivation



486 – Wool Wash Detergent

Available in 0.50 ltr.

**Description:** Gentle Laundry detergent for clothes made from wool or silk. It is a fibre protecting fluid washing detergent for hand or machine application. Tip: when used with woolen clothes do not use fabric softener, alternatively add some table spoons of vinegar to the last rinse.

**Ingredients:** Water (>10%); soda soaps from sunflower oil\*, palm kernel fat, coconut fat\*, soya oil, rape oil and castor oil; glycerine, alcohol, citric acid, potash, (all 1-10%). Content of wash-active substances: 33%.  
\*: From controlled biological cultivation.



Washing with AWALAN (eco)logical!

So what's so different about the AWALAN component system? You use only those components and quantities that are needed for the required washing results!



Liquid AWALAN basic washing detergent is ideally suited to fabric-protecting and energy-saving low-temperature range (30 - 60 °C). For more heavily soiled laundry and higher temperature range (40 - 90 °C), AWALAN basic washing powder should be used.



In the case of pigmented stains (tea, fruit, juice, grass), the AWALAN bleach component should be used in addition. The addition of the bleach component also prevents white laundry from becoming grey or yellow.



The AWALAN softener component is dosed as required for the prevailing water hardness range.



Greasy stains (sauces, blood, collar dirt) should be pre-treated with AWALAN stain-removing bile soap.