



# SOHO ANECO Chemicals Co., Limited

## Product Catalogue

Mild Surfactants  
Active Substances  
Specialty Chemicals



# C COMPANY PROFILE

ANECO is an innovation-driven company. Relying on the advanced biotechnology and global reach, we dedicate to developing and supplying ingredients for cosmetics/PHC, foods, beverage and nutraceuticals.

Taking the advantages of enzymatic engineering, like specificity, no side reactions, HM-free in oxidation, environment friendly, ANECO evaluates, develops and manufacturers ingredients on following directions.

- Compounds original innovation
- Natural equivalence
- Molecule modification
- New path

R&D on biosynthetic path and engineering organism reconstruction opened a new door to produce ingredients, save rare natural resource, increase yield, lower the cost.

Reconstruct engineering organism  
Fermentation engineering  
Enzyme engineering  
Chemical synthesis  
And above complement

**INNOVATION**  
is our power.



**SUSTAINABILITY**  
is our mission.

**RSPO**

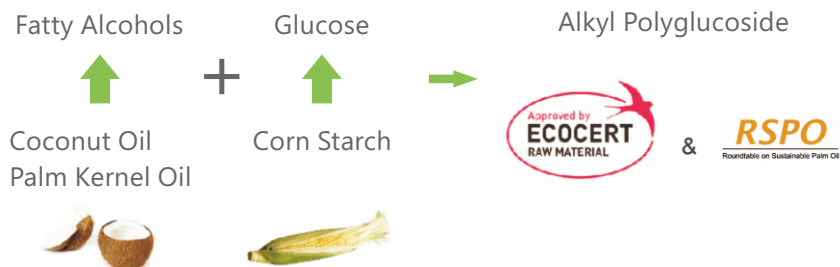
**NATURE**  
is our aspiration.



# ALKYL POLYGLUCOSIDE

## PROPERTIES

- ✓ Mild, low-toxic, low irritation
- ✓ Soluble in highly alkaline solution
- ✓ Readily biodegradable
- ✓ Good detergency & wetting properties
- ✓ Compatible with anionic, cationic, and other nonionic surfactants



| Product Name | INCI Name  | Natural Origin Index | C Chain   |
|--------------|--|----------------------|-----------|
| AC1200       | Lauryl Glucoside   | 1                    | C12-14    |
| AC2000       | Decyl Glucoside  | 1                    | C8-14     |
| AC818        | Coco Glucoside   | 1                    | C8-14     |
| AC810        | Caprylyl / Capryl Glucoside                                | 1                    | C8-10     |
| AC0810 50%   | Caprylyl / Capryl Glucoside                                | 1                    | C8-10     |
| AC0810 60%   | Caprylyl / Capryl Glucoside                                | 1                    | C8-10     |
| AC215        | Caprylyl / Capryl Glucoside                                | 1                    | C8-10     |
| AC8170N      | Caprylyl / Capryl Glucoside                                | 1                    | C8-10     |
| AC225N       | Caprylyl / Capryl Glucoside                                | 1                    | C8-10     |
| AC600        | Lauryl Glucoside   | 1                    | C12-14    |
| AC650        | Coco Glucoside   | 1                    | C8-14     |
| AC425N       | Coco Glucoside   | 1                    | C8-14     |
| AC4          | Butyl Glucoside  | 0                    | C4        |
| AC6          | Hexyl Glucoside  | 1                    | C6        |
| AC8          | Caprylyl Glucoside   | 1                    | C8        |
| AC10         | Decyl Glucoside  | 1                    | C10       |
| AC-M68       | Cetearyl Glucoside   | 1                    | C16-18    |
| AC-PO65      | Coco Glucoside & Glyceryl Oleate                           | 1                    | APG blend |
| AC110        | Sodium Lauryl Ether Sulfate & Lauryl Glucoside & Alcohol   | 0.65                 | APG blend |
| AC611L       | Sodium Laureth Sulfate & Lauryl Glucoside & Cocamidopropyl | 0.77                 | APG blend |

More innovative products are developing by Glycosylation Technology

ANECO is launching a line of products using unique high performing enzyme related biotechnology-Glycosylation technology. And we are doing deeper research and developing wider range of this kind products.



# AC- $\alpha$ -Arbutin

Alpha-Arbutin

**Produced by Enzyme related Glycosylation Technology**

AC- $\alpha$ -Arbutin is a new type of active compound for beautifying and whitening skin, and can be rapidly absorbed into skin and selectively inhibit the activity of tyrosinase. It is a pure, water soluble, biosynthetic active ingredient used in most advanced whitening skin care products.

## ADVANTAGES

- ✓ Innovative advanced technology
- ✓ Highly pure active ingredient with content over 99%
- ✓ Free from hydroquinone
- ✓ More effective, faster and safer than beta-arbutin
- ✓ Dissolve quickly in water
- ✓ Promote lightening on all skin types



# AC-GG

Glyceryl Glucoside

From a pure active substance

MYROTHAMNUS FLABELLIFOLIA

**Produced by Enzyme related Glycosylation Technology**

AC-GG is a conjugated molecule of glycerol and glucose, and was originally found to be critical for cyanobacteria survive in extreme conditions. Due to its high stability, multi-functionality and low reactivity, it can be used in a wide range of skin care and hair care products, especially suitable for extremely sensitive and allergenic skin.

## ADVANTAGES

- ✓ 100% safe
- ✓ Low irritation
- ✓ Glucose residue free
- ✓ Preservative free
- ✓ GMO free
- ✓ Natural origin index=1
- ✓ ECOCERT approved
- ✓ Excellent water retention capacity
- ✓ Antioxidant and anti-ageing
- ✓ Excellent wound healing efficacy



NEW

# AC-HPR

Hydroxypinacolone Retinoate

## A New Generation Anti-Ageing and Direct Acting Retinoid

Retinoid are the highly recognized anti-ageing actives for cosmetics. AC-HPR, as one kind of retinoid, is synthesized by tretinoin and the small molecule pinacol. It doesn't have to be converted to tretinoin and can work directly.

### ADVANTAGES

- ✓ Low irritation
- ✓ High-stable
- ✓ Enhanced activity
- ✓ Easy to formulate (oil soluble)

### EFFICACY

- ✓ Promote keratin metabolism
- ✓ Clear pores and treat acne
- ✓ Improve skin roughness
- ✓ Brighten skin tone
- ✓ Reducing the appearance of fine lines and wrinkles

### TWO SPECIFICATIONS

- ✓ Pure Powder (AC-HPR)
- ✓ 10% Solution (AC-HPR-S10)

# Vitamin

# A

# AC-Tretinoin

Retinoic Acid

AC-Tretinoin is all-trans retinoic acid and is related to retinol (Vitamin A). It can stimulate skin cell growth and improve the aging skin. It also can dispel tiny wrinkles, reduce skin roughness and make skin ruddy.

# AC-GR-01

Glucosylrutin



AC-GR-01 is prepared by modifying the molecular structure of rutin through biological enzyme engineering technology (glycosylation technology).

## ADVANTAGES

- ✓ High water solubility, 12000 times higher than rutin
- ✓ High-stable
- ✓ High safety
- ✓ No odor
- ✓ Natural origin index=1

## EFFICACY

- ✓ Anti-blue light
- ✓ Improve SPF value
- ✓ Protect main sunscreen in formula
- ✓ Anti-inflammatory, soothing, relieves redness
- ✓ Anti-oxidant and anti-ageing
- ✓ Protect carotenoids (see images below)



### β-carotene (25ppm)



0                      0                      25 (ppm)

CTL

35 hours sunlight

### Astaxanthin (25ppm)



0                      0                      250 (ppm)

CTL

29 hours sunlight

New product:  
**WStable Astaxanthin**

# AC-Quercetin

Quercetin

- ✓ Anti-oxidant
- ✓ Anti-inflammatory

# AC-Rhamnose

Rhamnose

- ✓ Soothing
- ✓ Anti-ageing
- ✓ Anti-inflammatory

NEW

# AC-CHN-P

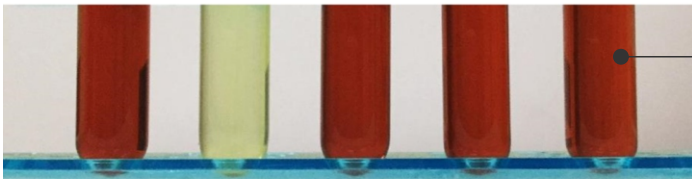
## Dimethylmethoxy Chromanol

AC-CHN-P has very potent antioxidant profile. Like  $\gamma$ -tocopherol, it's very effective in inhibiting peroxy nitrates and electrophilic nitrogen oxides as well as preventing lipid peroxidation.

### EFFICACY

- ✓ Anti-oxidant
- ✓ Scavenging ROS
- ✓ Scavenging RNS
- ✓ Scavenging RCS
- ✓ Anti-pollution
- ✓ Protect carotenoids (see image below)

### Astaxanthin (25ppm)



0      0      25      5      1.25 (ppm)

CTL

15 days sunlight

New product:  
**OStable Astaxanthin**

# VcOS

## Ascorbyl Tetraisopalmitate

VcOS is a stable, oil-soluble Vitamin C derivative. It exhibits excellent percutaneous absorption and effectively converts into free vitamin C in the skin to perform various physiological functions.

### ADVANTAGES

- ✓ Good solubility in common cosmetic oils
- ✓ Excellent percutaneous absorption
- ✓ Stable against heat and light
- ✓ Skin lightening and promoting collagen synthesis



# AC-EGT NEW

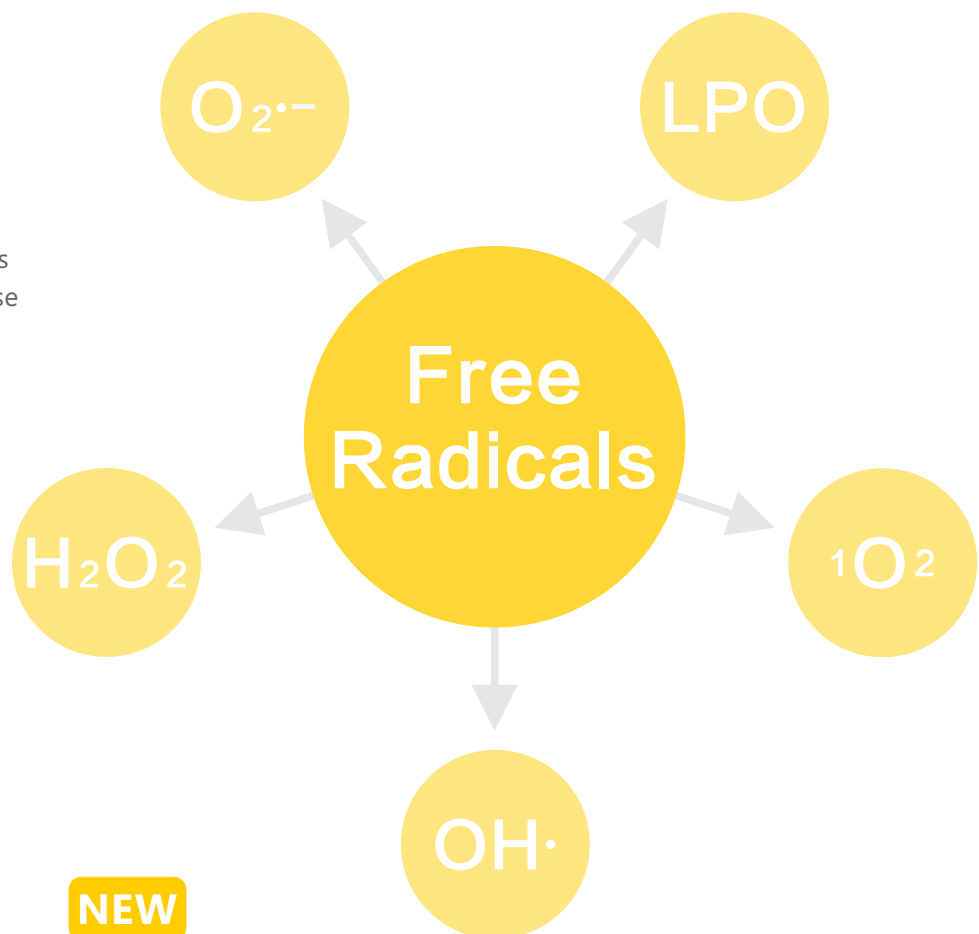
Ergothioneine

## Super antioxidant in nature

Ergothioneine is a natural chiral amino-acid antioxidant biosynthesized in certain bacteria and fungi. With advantages of multi-functions, AC-EGT stands out among many other antioxidants.

### EFFICACY

- ✓ Remove of active oxides
- ✓ Scavenging active nitride
- ✓ Integrated divalent metal ion
- ✓ Activation of antioxidant enzymes
- ✓ Inhibition of superoxide dismutase
- ✓ Ultraviolet filter
- ✓ Cell physiological protectant



# AC-HTolive NEW

Hydroxytyrosol

Hydroxytyrosol is an ingredient naturally in olives, functioning as a highly active antioxidant in the body. AC-HTolive is a nature identical Hydroxytyrosol. It is considered one of the most powerful antioxidants, which is 30 times more powerful and 1.5 times faster than Vitamin C.

### EFFICACY

- ✓ Anti-oxidant
- ✓ UV protection
- ✓ Anti-ageing
- ✓ Skin lightening



# AC-VBE

Vanillyl Butyl Ether

## Mild Warming Agent

AC-VBE is clear light yellow liquid and used as an active ingredient to impart a warming sensation in personal care products such as massage cream/oil, body wash, facial cleanser, oral care.

## ADVANTAGES

- ✓ High purity of ultra-rectification process, above 98%
- ✓ Very light yellow to almost colorless
- ✓ Pure characteristic vanillin odor
- ✓ Rapid warming effect
- ✓ Long lasting
- ✓ Low irritation

## EFFICACY

- ✓ Microcirculation enhancement
- ✓ Rejuvenate hair growth
- ✓ Synergistic effect with : **Cooling Agents**

**Menthyl Lactate**

**AC-ML**



**NEW**

# AC-HAP

Hydroxyacetophenone

AC-HAP is an ideal multifunctional component for all types of skin and hair care formulations. It is a nature-identical ingredient that is FEMA/GRAS-listed and helps enhance the efficacy of a wide range of preservatives and protect a whole range of cosmetic formulations.

## ADVANTAGES







- ✓ Excellent stability
- ✓ Low odor
- ✓ Ideal for mild cosmetic products











## EFFICACY

- ✓ Preservative boosting
- ✓ Anti-oxidant



## Active Substances

| Product Name                          | Description                                | Applications  |
|---------------------------------------|--|---|
| <b>Whitening &amp; Brightening</b>    |  |   |
| AC- $\alpha$ -Arbutin                 | Alpha-Arbutin                              |   |
| AC- $\beta$ -Arbutin                  | Arbutin                                    |   |
| AC-SAP                                | Sodium Ascorbyl Phosphate                  |   |
| AC-MAP                                | Magnesium Ascorbyl Phosphate               |   |
| AC-VCE                                | 3-o-Ethyl Ascorbic Acid                    |   |
| AC-AA2G                               | Ascorbyl Glucoside                         |  Skin care   |
| VcOS                                  | Ascorbyl Tetraisopalmitate                 |   |
| AC-KAD                                | Kojic Dipalmitate                          |  Oral care   |
| AC-Glabridin                          | Glycyrrhiza Glabra (Licorice) Root Extract |   |
| AC-GSH                                | Glutathione                                |   |
| AC-TA                                 | Tranexamic Acid                            |   |
| AC-VB3                                | Niacinamide                                |   |
| AC-GLA                                | Glycolic Acid                              |   |
| Centella Asiatica P.E.                | Asiaticoside                               |   |
| <b>Anti-oxidant &amp; Anti-ageing</b> |  |   |
| AC-HPR                                | Hydroxypinacolone Retinoate                |   |
| AC-Tretinoin                          | Retinoic Acid                              |   |
| AC-EGT                                | Ergothioneine                              |   |
| AC-GR-01                              | Glucosylrutin                              |   |
| WStable Astaxanthin                   | Glucosylrutin & Astaxanthin                |   |
| AC-CHN-P                              | Dimethylmethoxy Chromanol                  |   |
| OStable Astaxanthin                   | Dimethylmethoxy Chromanol & Astaxanthin    |  Skin care |
| AC-HTolive                            | Hydroxytyrosol                             |   |
| AC-IDB                                | Hydroxydecyl Ubiquinone                    |  Hair care |
| AC-VEG                                | Tocopheryl Glucoside                       |   |
| AC-VEA                                | Tocopheryl Acetate                         |   |
| AC-HAP                                | Hydroxyacetophenone                        |   |
| AC-DPHP                               | Dipalmitoyl Hydroxyproline                 |   |
| AC-Quercetin                          | Quercetin                                  |   |
| AC-CBD                                | Cannabidiol                                |   |
| <b>Anti-allergy &amp; Soothing</b>    |  |   |
| Zinc PCA                              | Zinc PCA                                   |  Skin care |
| AC-AT                                 | Allantoin                                  |  Hair care |

| Product Name                         | Description                        | Applications   |
|--------------------------------------|------------------------------------|--|
| <b>Warming &amp; Cooling</b>         |                                    |  |
| AC-VBE                               | Vanillyl Butyl Ether               |  Skin care  Hair care  Oral care      |
| AC-ML                                | Menthyl Lactate                    |  |
| <b>Moisturizing &amp; Nourishing</b> |                                    |  |
| AC-GG                                | Glyceryl Glucoside                 |  Skin care  Hair care  |
| AC-VB5 (DL-Panthenol)                | Panthenol                          |  |
| AC-VB5 (D-Panthenol)                 | Panthenol                          |  |
| Sodium PCA                           | Sodium PCA                         |  |
| AC-PGA                               | Polyglutamic Acid                  |  |
| AC-Lanolin                           | Lanolin                            |  |
| AC-HA                                | Sodium Hyaluronate                 |  |
| AC-Rhamnose                          | Rhamnose                           |  |
| 1,2-Hexanediol                       | 1, 2-Hexanediol                    |  |
| <b>Mild Surfactants</b>              |                                    |  |
| AC-LS30                              | Sodium Lauroyl Sarcosinate & Water |  Skin care  Oral care  Hair care |
| AC-SLG30                             | Sodium Lauroyl Glutamate & Water   |  |
| AC-GCS30                             | Sodium Cocoyl Glycinate & Water    |  |
| AC-GCK30                             | Potassium Cocoyl Glycinate & Water |  |
| AC-ECS30                             | Disodium Cocoyl Glutamate & Water  |  |
| AC-ACS30                             | Sodium Cocoyl Alaninate & Water    |  |
| AC-SCS30                             | Sodium Cocoyl Sarcosinate & Water  |  |
| <b>Specialty Chemicals</b>           |                                    |  |
| AC-200                               | Dimethicone                        |  Skin care  Hair care  |
| AC-193                               | PEG-12 Dimethicone                 |  |
| AC-PCP                               | Potassium Cetyl Phosphate          |  |
| Carbomer                             | Carbomer                           |  |
| PCMX                                 | Chloroxylenol                      |  |
| DCMX                                 | Dichloro-m-xyleneol                |  |
| O-CYMEN-5-OL                         | O-Cymen-5-OL                       |  |
| Nano TiO2                            | Titanium Dioxide                   |  |
| Nano ZnO                             | Zinc Oxide                         |  |
| Glyoxylic Acid                       | Glyoxylic Acid                     |  |

We propose a wide range of raw materials for personal care, which meet the requirements of high quality demanding market: they are from sustainable palm oil, they are colorless, they are 99% pure... The previous list is not exhaustive. We invite you to contact us for more details.



## Contact Us

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