

# Schwanen Sarten

Bioactive Antioxidant Skincare

No Parabens

No Sulfates

No Triethanolamine

No PEG

No Butylene Glycol

No Benzophenone

No Silicones

No Castor Oil

No Mineral Oil

No Alcohol No

**EDTA** 

No GMO

No Nanoparticles

No Propanol

No Resorcinol

No Coal Tar

No Toluene

No Triclosan

No Aluminum

No BHA (Butylated Hydroxyanisole)

No BHT (Butylated Hydroxytoluene)

No Synthetic Fragrance

No Artificial Colorants

No Animal Testing

### **Brand Differentiators**



### What We Pursue

### Key Ingredients Clean Beauty for All

EWG1 Propanediol	EWG1 Camellia Sinensis Leaf (Green Tea) Extract
EWG1 Larix Sibirica Wood Extract	EWG 1 Polygonum Cuspidatum Root Extract
EWG1 Betula Alba (Birch) Extract	EWG 1 Scutellaria Baicalensis Root Extract
EWG1 Centella Asiatica Extract	EWG 1 Glycyrrhiza Glabra (Licorice) Root Extract
EWG1 Lavandula Angustifolia (Lavender) Extract	EWG 1 Chamomilla Recutita (Matricaria) Extract
EWG1 Rosmarinus Officinalis (Rosemary) Extract	EWG 1 Zanthoxylum Piperitum Fruit Extract
EWG1 Origanum Vulgare Leaf (Oregano) Extract	EWG 1 Pulsatilla Koreana Extract
EWG1 Thymus Vulgaris (Thyme) Extract	EWG 1 Usnea Barbata (Lichen) Extract

#### Fides Servanda Est

All of our formulas use phytochemicals and are absolutely free from any controversial ingredients including mineral oils, artificial colorants and fragrances, and genetically modified organisms.

All of Schwanen Garten's products are considered clean.



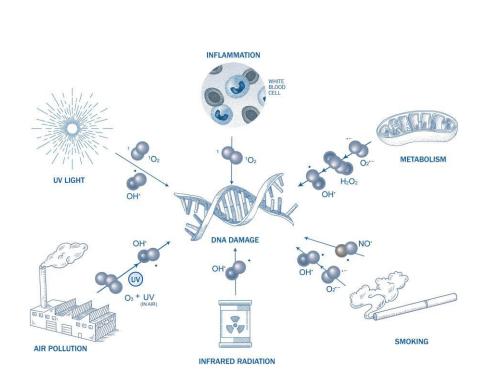








### Oxidative Stress / Causes



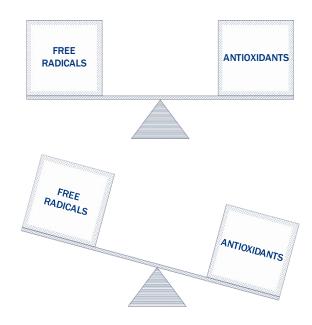
The skin's aging process can be attributed to various factors falling into two categories –either intrinsic or extrinsic. Also referred to as the natural aging process, intrinsic aging is an inevitable and genetically determined process mainly caused by the shortening of telomeres. Small DNA sequences that are present at the end of each chromosome, these compounds essentially act as the aging clock in our cells.

Extrinsic aging is a result of controllable lifestyle choices such as smoking, chronic stress and excessive alcohol consumption, as well as environmental components including exposure to the sun's UV rays, visible light, infrared radiation and air pollution. All of these factors can lead the body to experience oxidative stress, ultimately contributing to signs of aging.

# Oxidant-Antioxidant Balance in Skin

PRO-OXIDANTS REACTIVE
OXYGEN SPECIES (ROS)
REACTIVE NITROGEN SPECIES (RNS)

ANTIOXIDANT ENZYMES TOCOPHEROLS,
TOCOTRIENOLS UBIQUINOLS (COENZYME Q)
VITAMIN C (L-ASCORBIC ACID),
GLUTATHIONE CAROTENOIDS, RETINOIDS, URIC ACID



The skin is equipped with a variety of antioxidants forming an antioxidant defense system that intervenes at different levels of the oxidative process by scavenging and neutralizing free radicals to counteract oxidative stress.

Oxidative stress or oxidative cell damage occurs when there is an imbalance between free radicals and antioxidants that are naturally made in the skin. This loss of balance plays a major role in premature skin aging, hyperpigmentation, uneven tone and can trigger inflammatory conditions. Increasing levels of antioxidants is key to reducing oxidative stress.

### Our very own secret formula-SG Antioxidant Source™

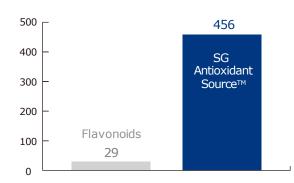
### SG Antioxidant Source™

**Naturally Derived Antioxidants** 

- Bioavailable antioxidant protection
- Anti-inflammatory protection
- Multi-active formula
- Non-toxic and non-irritating
- Promotes collagen and elastin synthesis
- Reduces pigmentation, fine lines and wrinkles

### CAP-e Antioxidant Capacity

Flavonoids vs SG Antioxidant Source™



This graph shows that the Schwanen Garten Exclusive Antioxidant Source<sup>TM</sup> has 15 times more antioxidant capacity than flavonoids.

CAP-e is a preclinical measure that determines the bioavailability of antioxidants and its efficiency in entering into and protecting live cells from oxidative damage. (i.e. vivo by NIS Labs)

A CAP-e number is then generated to state the biological antioxidant penetration and protection by the product.



## Sustainability



Schwanen Garten believes in the power of nature –not just by harnessing its antioxidants to develop high performance, results-driven formulas but also through preserving the environment by protecting and conserving its ecosystems. We are committed to lightening our carbon footprint and reducing waste.

Our packaging is minimal by design. To limit unnecessary materials, we print all our product information on the outside and inside of each box, avoiding any additional inserts. Our boxes are made of FSC-certified (Forest Stewardship Council) paper, and the majority of our bottles and jars are glass, purposely made without any added colors for easy recycling. For all orders that are placed directly on schwanengarten.com, we use eco-friendly package cushioning and PCR (post-consumer recycled) paper.

We know this is not enough and will continue to take intentional steps to responsibly formulate Schwanen Garten products and to lessen our impact on the planet.

### ALWAYS CLEAN EFFECTIVE AND FAITHFUL

