

Active Beauty

Silkalun

Antibacterial & astringent agent

Crafted by synthesis



Givaudan

engage your senses

# Introduction

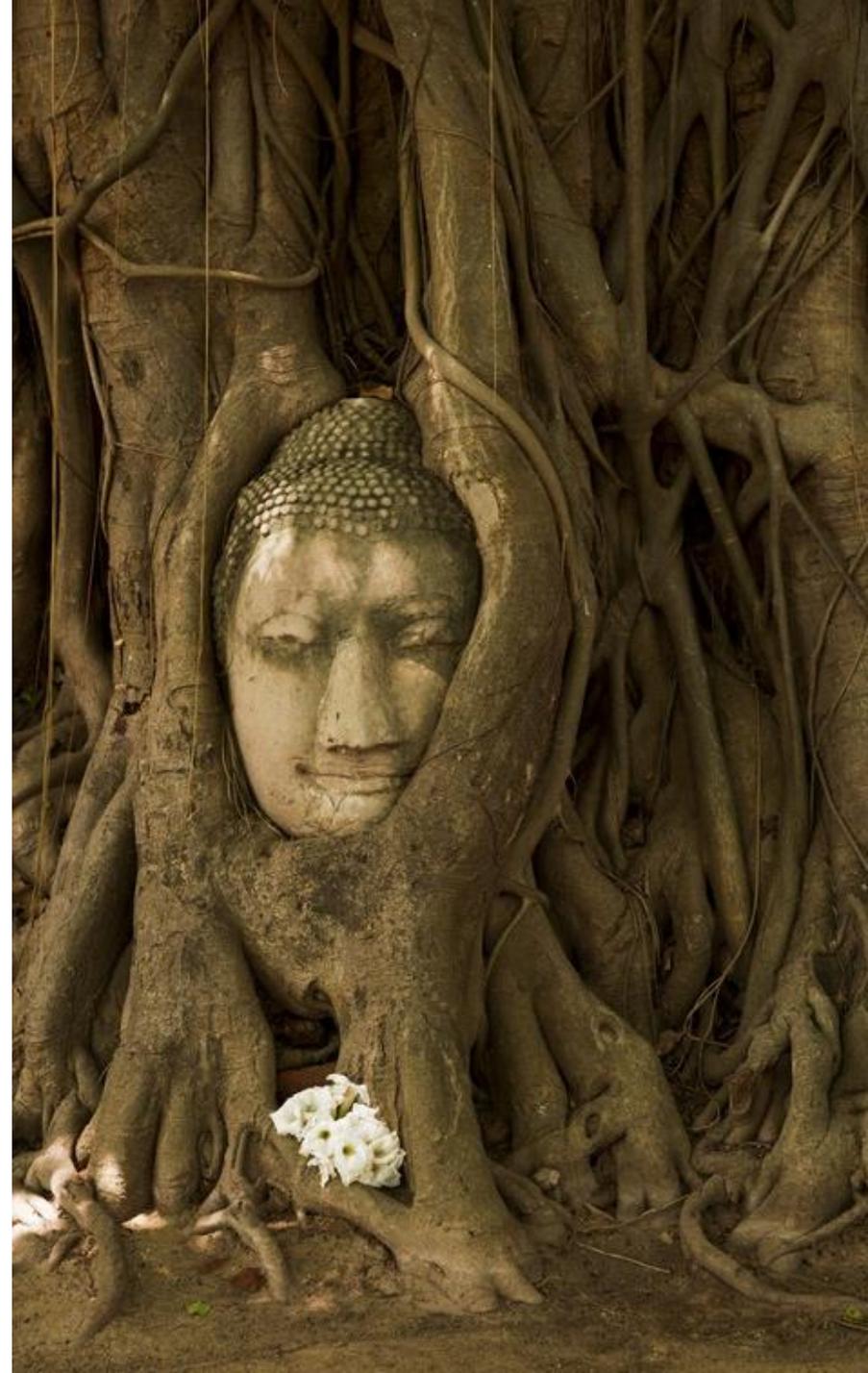
## History

Alun (*als, alos*, «Salt»), or potassium alum.

It is a **natural mineral** known since Antiquity.

The mineral was first mined in the **Isle of Wight** during the reign of Elizabeth I.

Alun naturally occurs in **mineral deposits** such as alunite and kalinite in the Mediterranean area.



# Origin

Potassium alum is double sulphate of aluminium and potassium  $KAl(SO_4)_2 \cdot 12H_2O$ .

Used in industry as clarifiers, hardeners, and purifiers and medicinally as **topical astringents and antibacterial agent**.



# Properties

- ▶ Anti perspirant
- ▶ Antibacterial properties
- ▶ Astringent properties: pore refiner
- ▶ Haemostatic properties
- ▶ Odourless

Silkalun prevents bleeding from small shaving cuts.

**Ensure properties and freshness  
all day long.**



# Cosmetic uses

<b>Application</b>	<b>Action</b>
Deodorant	<p>Silkalun is a strong antibacterial agent that inhibits the bacteria growth, responsible for body odor. It also tightens pores thanks to its astringent properties.</p> <p>Silkalun is free from potentially harmful aluminum chlorohydrates.</p>
Foot care	<p>Bacteria flourish in moist warm areas and human feet are densely covered with sweat glands. Daily applications of Silkalun in a foot care product enable to reduce foot odour, by preventing bacteria proliferation.</p>
After shave product	<p>Silkalun has unique astringent properties that help to reduce bleeding in minor cuts. Its antiseptic properties help to heal the skin.</p>
Anti Acne prone Skin	<p>Silkalun limits bacteria proliferation.</p>

Silkalun is a micronised powder of  
potassium alum.

Easy to formulate, it is an  
antibacterial & astringent agent.

The ideal harmless alternative to  
aluminum salts.

# Technical information

## Silkalun<sup>®</sup>

### INCI

Potassium Alum (and) Magnesium Stearate

### Origin

Synthesis

### Preservation

None

### Appearance

White powder

### Solubility

### Dosage

3% to 5%

### Processing

Temperature <80°C, in oily phase, preferably at the end of the heating step, just before emulsification. Stirring under high shear mixer or gentle stirrer such as anchor. pH stability 2-5.

### Compliance



# Thank you

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