

Soliance - Silkalun  
Antibacterial & astringent  
agent



Givaudan

engage your senses



# Introduction

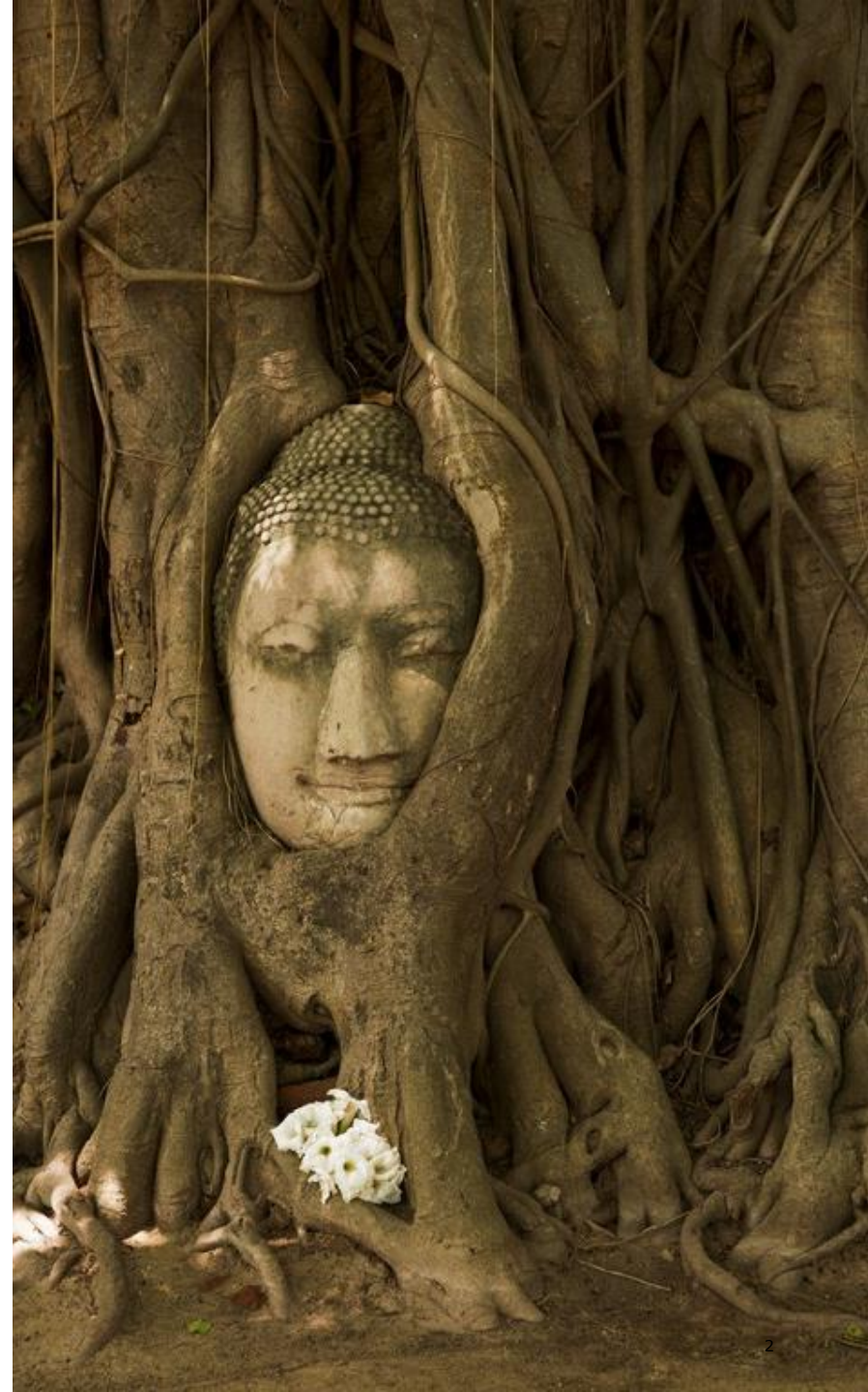
## History

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.



# Origins

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
- Odorless

Silkalun prevents bleeding from small shaving cuts

**Ensure properties and freshness all day long**



# Characteristics

**Silkalun** is a micronized powder of potassium alum, combined to Magnesium stearate to prevent **MOTTING**.

**INCI:** Potassium alum (and) Magnesium stearate

**Aspect:** White powder

**Preservatives:** None

**Dosage:** 3 to 5%

**Formulation tips:** It can be incorporated into either **water free or lipophilic formulations**.



# 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 odor, 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 micronized powder of **potassium alum**.

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

The ideal **harmless alternative** to aluminum salts.

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# Thank you

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Antibacterial & astringent agent

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