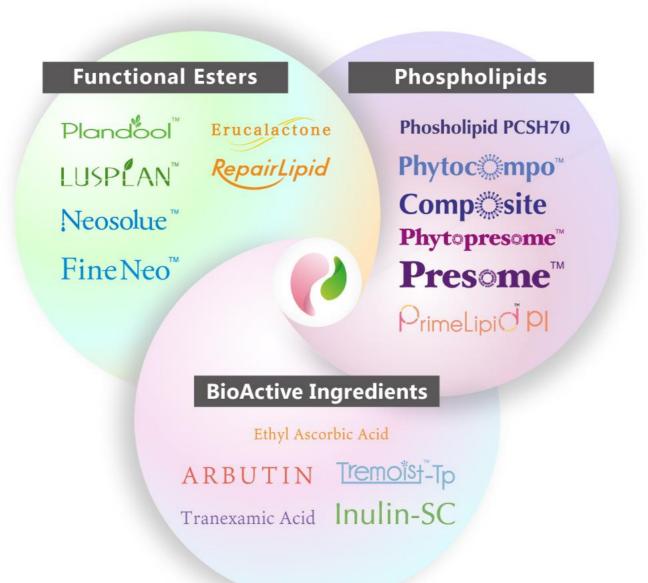
Nippon Fine Chemical Product Brand Lineup



Your Beauty Partner Nippon Fine Chemical Nippon Fine Chemical offers a variety of cosmetic ingredients by following 3 categories as "Your beauty partner" to the personal care products closely connected to our daily lives.





## **Functional Esters**

Esterification is one of our core technology. We offer unique and functional esters for wide range of products (skin care, color cosmetics, hair care etc.). As we strive to the needs of our clients by developing new products with extensive functionality.



Your Beauty Partner Nippon Fine Chemical

# **Phospholipids**

We have succeeded in the production of high-purity phospholipid Emulsifiers/Liposomes used as cosmetics ingredients by applying the technology utilized in pharmaceutical industry. By using this core technology, we offer a wide range of high-performance phospholipid products for skin care market.

#### High Purity Natural Emulsifiers

### **Phosholipid PCSH70**

Phospholipid PCSH70 is highly hydrogenated phospholipids. Excellent color and odor stability.

#### **Natural Emulsifiers**

Phytoc<sup>™</sup>mpo<sup>™</sup> Comp<sup>™</sup>site The Phytocompo<sup>™</sup>& Composite series are natural emulsifier obtained by compounding hydrogenated lecithin similar to cell membrane components and plant or animal-derived sterols, using Nippon Fine Chemical' s proprietary manufacturing technology.

#### **Natural Liposomes**

Phytopresome<sup>™</sup> Presome<sup>™</sup> The Phytopresome<sup>™</sup>& Presome<sup>™</sup>series is a liposome precursor offering a comfortable texture on the skin that easily disperses low-solubility oils such as ceramides, coenzyme Q10, and astaxanthin, in an aqueous formulation.

#### Phosphatidylinositol-rich Liposome



PrimeLipid<sup>™</sup>PI is a complex of phosphatidylinositol-rich phospholipids. Having multifunctional effects such as moisturizing, enhancement of hyaluronic acid production, skin brightening, anti-oxidation and so on. Liposome solution can be easily made.









# **Bioactive Ingredients**

Bioactive ingredients that enhance beauty and promote health. Nippon Fine Chemical supports a healthy lifestyle of people all around the world through the production of bioactive ingredients, such as vitamin C derivatives and plant-derived polysaccharides.

Vitamin C Derivatives	Japanese quasi-drug active ingredient. Ethyl Ascorbic Acid inhibits both tyrosinase activity & melanin monomer polymerization. Skin brightening effects. Useful as water soluble anti- oxidant as well.	
Ethyl Ascorbic Acid		
Natural Glycosides	Japanese quasi-drug active ingredient. Arbutin is a natural glycoside found in plants such as cowberries, pears, and manzanitas. Inhibits tyrosinase activity, prevents the formation of melanin. Skin brightening effects	
Amino Acid Ingredient Tranexamic Acid	Japanese quasi-drug active ingredient. Skin brightening and anti-inflammatory effects by inhibition <b>Prostaglandin E</b> <sub>2</sub> ( <b>PGE</b> <sub>2</sub> ) synthesis. Has anti-aging effects as well.	
Sugarcane-derived Polysaccharide	Inulin-SC is a sugarcane-derived 100% natural polysaccharides. Provides moisture and reduces sticky/greasy feeling. Improves texture without changing viscosity. Makes bubble dense and increases volume.	
White Mushroom-derived Polysaccharide	The Tremoist <sup>™</sup> series contains tremella fuciformis polysaccharide suitable for use in cosmetics that provides a moisturizing effect greater than that of hyaluronic acid, combined with a distinctively smooth and moist feel. It can be used in various applications such as skin care, cleansing agent, hair care, and base makeup.	





### https://www.nipponseika-cosme.com/english/

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