

赤 松 元
韓品百代赤松元
적 송 원

Phyto Pine⁺
피토파인

BEDEL KOREA CO., LTD
KOREA



Your Best Business Partner

BEDEL  **KOREA**

PHYTONCIDE OF RED PINE

"The benefit of the forest in people's daily lives"

Food

- ▶ pine needle enzyme food
- ▶ phytoncide health food
- ▶ natural substance food ingredient

Household Items

- ▶ Personal Care
- ▶ soap and toothpaste
- ▶ aroma oil
- ▶ spray

Functional Well-Being

- ▶ phytoncide liquid
- ▶ sick house syndrome spray
- ▶ eco-friendly fumigation
- ▶ eco-friendly construction material

BEDELKOREA is a company engaged in research and development of a functional food whose principal ingredient is oil (phytoncide), extracted from the native Red pine tree of Korea.

BBEDELKOREA Co., Ltd

BEDELKOREA is a company engaged in research and development of a functional food whose principal ingredient is phytoncide, extracted from the native pine tree of Korea: "RED PINE".

The slogan of BEDELKOREA Co., Ltd is

"The benefit of the forest in people's daily lives".

Products developed by BEDELKOREA include products for oral intake, for application to the skin, and for aromatherapy. The red pine needle contains over 5,000 natural volatile organic complexes (bioactive substances).

We supply 100% natural products to satisfy our customers' expectations.

BEDELKOREA was established in 2008 with the spirit of the Lord's eternal love and devotion for the whole of mankind. We donate a part of our profits for mission in underdeveloped countries.

We acknowledge our social responsibility as a leading company in our field.

Thank you.

CEO Hyang-Jin Yun



2008

- BEDELKOREA Co., Ltd was established.

2009

- BEDELKOREA started to export red pine needle extract " JeokSongWon" to China.
- BEDELKOREA registered the trademark "PINE NEEDLE" "Cham Sol" in China.
- BEDELKOREA applied the patent "complex compound to enhance the immune system using red pine extract and gamma linolenic acid"

2010

- BEDELKOREA held a medical conference of Korean and Chinese doctors.
- "JeokSongWon " patent was registered.
- "JeokSongWon " was named as an official representative product of the 2010 Shanghai Expo Korean Pavilion.

2011

- BEDELKOREA exported "RED PINE TOP POWER" to Vietnam.
- BEDELKOREA registered the trademark "RED PINE TOP POWER" in Vietnam.

2012

- BEDELKOREA was named promising Small and Medium enterprise.
- BEDELKOREA was named as a "Female CEO company ".
- BEDELKOREA was registered as a manufacturing company.
- BEDELKOREA was awarded the **1st brand award** of the Korean consumer's preference level.

2013

- Selected as an 'Electronic Trade Frontier Company' by Gyeonggi-do
- Developed natural ingredients for the beverage 'Oh! Sol'
- PHYTO PINE Soap, passed the **FDA cosmetics safety test**
- RED PINE NEEDLE OIL, passed the **foods safety test**
- ISO 9001 Development, Manufacture, Sales and Services of Cosmetics, Quasi-drugs
- ISO 14001 Development, Manufacture, Sales and Services of Cosmetics, Quasi-drugs
- BEDELKOREA applied the patent "The method of manufacturing the JeokSongWon Compound-P derived from the complex fermented herbal mixtures with effective microorganisms."
- BEDELKOREA applied the patent "The method of manufacturing the BaWeSol (Orostachys Japonica) Compound-KW derived from the complex fermented herbal mixtures with effective microorganisms."

2014

- Two acquisition of China Food Sanitation permission
- KCPBA 2014 'Korea Consumer Preference 1st BrandAward'

2015

- BEDELKOREA registered as a "Venture Enterprise"
- Patent application 'solid formulation including pine needle extract oil, its manufacture method, edible salt including it' Pine needles concentrate powder research and development
- Gyeonggi-do selection 'E-trade frontier business'
- 韩品百代赤松元 Trademark Registration Certificate
- HALRAL certification(premium vita gold) in progress
- FDA registration(company, factory) in progress
- FDA process registration(premium vita gold, phytopine jeoksongwon) in progress
- FDA safety test pass(premium vita gold, red pine top power, phytopine red pine water) in progress

Certification of the Company



2012 Korea Consumer preference 1st Brand Award



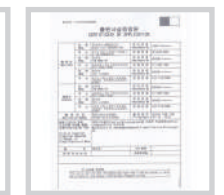
2014 Korea Consumer Preference 1st Brand Award



ISO 9001 Development, Manufacture, Sales and Services of Cosmetics, Quasi-drugs



ISO 14001 Development, Manufacture, Sales and Services of Cosmetics, Quasi-drugs



Patent of 'Compound P'



Patent of 'Compound KW'



Patent of 'Red Pine Oil'



Patent of 'Pine Needles Oil Extract Sol'



Promising export small and Medium enterprise



E-Trade Frontier Company Certificate



Female CEO Company



JeokSongWon Registered in Korea



PhytoPine Trademark Registration Certificate



Cham Sol(3) registered in China



Cham Sol(30) registered in China



Pine Needle registered in China

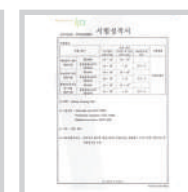


韩品百代赤松元 Trademark Registration Certificate

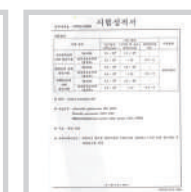
Certification of Raw Material and Products



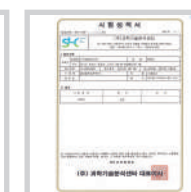
Red Pine Oil approved by FDA



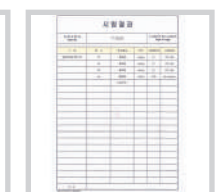
Red Pine Oil Antibacterial Test (1)



Red Pine Oil Antibacterial Test (2)



Red Pine Oil Antibacterial Test (3)



Red Pine Oil Heavy Metal Test



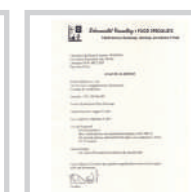
Red Pine Oil Residual Insecticides Test



Red Pine Oil Emulsified Liquid Antibacterial Test



Red Pine Oil Emulsified Liquid Deodorization Test



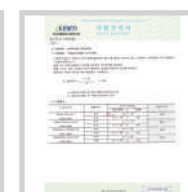
Phyto Pine Soap approved by FDA



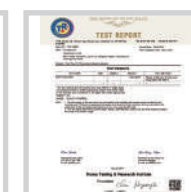
Phyto Pine Soap Antibacterial Test (1)



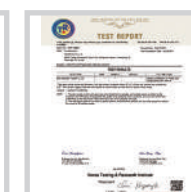
Phyto Pine Soap Antibacterial Test (2)



Red Pine Soap Antibacterial Test



Red Pine Oil Water Acute Oral Toxicity Test



Red Pine Oil Water Skin Stimulation Test

BEDEL KOREA IN THE PRESS

The efficacy of BEDEL KOREA's RED PINE has been demonstrated in numerous



Newspaper articles and television programs.
The Daily Sports(2012,2014 Korea Consumer Preference 1st Brand award)



MTN Money Today
2013.6.27 (MAGAZINE S)



Digital Chosun Daily News
2012.3.9 (GOOD EXAMPLE OF COMPANY SUPPORT)



Kyunghyang Daily News
2011.10.27 (CULTURE & HEALTH)



Seoul Economic Network TV
2013.6.11 (TODAY)



Arirang TV
2013.5.21 (KOREA TODAY)



Medical News
2010.5.6 (SPONSOR OF MEDICAL CONFERENCE)

BEDELKOREA INTO THE WORLD

The cultivation of the markets in the world



- [2010] Shanghai World Expo
- [2010] Cultural Exchange Event in China (making Kimchi)
- [2010] Promotion in Shanghai
- [2010] Promotion in Chengdu, China
- [2010] Promotion in Dongguan, China
- [2010] promotion in Kunming, China
- [2010] 1st Medical Conference of Korean and Chinese Doctors
- [2010] 2nd Medical Conference of Korean and Chinese Doctors
- [2011] promotion in Quizon City, Philippines
- [2011] G-fair
- [2012] COEX Hangawi Gift Expo
- [2013] KINTEX K-Beauty Expo
- [2013] China Brand Products Import Expo, Kunshan
- [2013] Cheonnan International Well-Being Food Expo
- [2013] China Chengdu National Expo
- [2014] The Best Chinese New Year Shopping Fair in Sichuan
- 2014 15th China Beijing International Nutrition and Health Industry Expo
- 2014 East China Fair
- CHINA IMPORT & EXPORT FAIR, KUNMING
- Health & Beauty Week 2015
- BIO KOREA 2015 International Convention
- Canton Beauty Expo 2015
- The 20th China Beauty EXPO

RED PINE PHYTONCIDE

“ It is an overall designation of self-protective complexes that plants produce against diseases and harmful insects or germs. ”

What is Red Pine Oil (Red Pine Phytoncide)?

Plant ^{PHYTON} + Bactericidal ^{CIDE}

More than 5000 kinds of natural volatile organic compounds are contained in the Red Pine Oil (Red Pine Phytoncide).

The pine needle oil contains diverse active ingredients which have strong pharmacological actions, such as terpenes, vitamins, essential amino acids, non-essential amino acids, flavonoids, and polyphenols. When pine ingredients were extracted in Korea, China, Japan, and other Southeast Asian countries, it was determined that the Red Pine has the best pharmacological action of polyphenol and terpene oils, which are the main indices.

It is being recognized by the academic world that the four seasons, and pedological and climatic characteristics of Korea determine the active ingredients that enable pharmacological actions of terpenes, polyphenol, etc. It would appear that the difference between Red Pines and other pines is dependent on their regions of distribution rather than their species. Red Pine needle oil figures in medical literature in China and Korea, going back thousands of years. Ancient texts such as Lee Sijin's 'Bonchogangmok', and Heo Jun's 'Donguibogam', teach that pine needles are very effective for curing diseases. Thus they were used as medicinal plants for antibiotic, anti-inflammatory, and antiphlogistic effects.

Cited from a report of Dr. Kim Kwanho, Dong In Dang Oriental Medicine Hospital

Detoxification/Toxin elimination functions of Red Pine Oil

The cause of many of these diseases is environmental toxins.

As industrialization progressed, environments such as air, water, and soil started to become polluted, and now people are being threatened by those pollutants as they have come to be accumulated in the bodies of humans, that are at the top of the food chain.

In addition, heavy metals contained in children's toys, various instant foods, additives contained in flavor enhancers, environmental hormones coming out of plastic vessels, chemicals like invigorating drinks, and yellow dust, are all toxins that threaten our bodies.

The words that we most readily associate with modern diseases are 'chronic', 'ill-defined', 'stress', or 'neurological.' The cause of these diseases that even modern medicine is unable to cure can be found in toxins.

[Toxins are the biggest cause of chronic diseases]

- angina, cardiac infarction, chronic fatigue, etc.
- psoriasis, eczema, dermatitis, etc.
- Asthma, rhinitis, sinus infection, etc.
- Sterility, vaginitis, uterine myoma, cystic ovary decreasing generative functions
- Insomnia, uneasiness, ADHD, etc.
- Frozen shoulder, internal derangement of the knee joint, backache, ankylosing spondylitis, etc.
- Promote aging (various polypus and malignant tumors).

Antioxidant substances contained in Red Pine Oil have detoxifying functions. That is, they decompound toxins within the body and excrete the wastes out of the body.

Typical ingredients include terpene, flavonoids, oxypalathymine acid, pycnogenol, pinitol, glycogen, etc., and they have outstanding abilities to remove, among metabolic products, especially active oxygen that is known to cause cancer, engage in glycometabolism or primary immunity on colon mucosa, suppress growth of harmful microorganisms, and raise activation of useful microorganisms in intestines, contributing to various physiological functions related to antioxidant effects.

TIP

Introducing toxin excretion therapy of Dr. Kim Kwanho using Red Pine Oil

- 1 JEOK SONG WON (RED PINE INSTITUTE) fasting treatment
- 2 Large intestine detox and antioxidant therapy through JEOK SONG WON fermented products (pine needle fermented lactic acid bacteria pill, pine needle fermented enzyme pill, pine needle fermented lactic acid bacteria powder, pine needle fermented enzyme powder, red pine Palbowon)
- 3 Antioxidant therapy through JEOK SONG WON products containing Compound P

Red Pine Oil passed the FDA foods safety test, proving its safety, and is used as an ingredient of health functional foods.
[KFDA Korea Food Standards Codex registered]
[Certified of ingredient safety by U.S FDA]

* Extracted Phytoncide oil from hinoki cypress, thuja orientalis and needle fir do not have enough safety in Oral toxicity.

The Active Ingredients of Red Pine Oil

Red Pine Needle Oil

Specific gravity | D20 0.8650 ~ 0.8740
Refractive index | n 1.4745 ~ 1.4780
Optical rotation | α D -23.47° ~ -24.22°
Acid value | 0.5 ≤
Ingredient

Compounds	Composition (%)
α -Pinene	20.58
β -Pinene	6.73
β -Myrcene	1.09
δ -3-Carene	4.36
Borneol	0.64
4-Terpineol	0.33
Cryptone	0.20
β -Fenchyl acetate	1.36
Terpinolene	22.98
α -Limonene	20.16
α -Terpinene	0.90
β -Linalool	0.26
β -Thujone	0.16
Bornyl acetate	6.39
Comphene	10.37
β -Phellandrene	4.66
Sabinene	1.19

Red Pine Oil contains more than 5,000 types of natural volatile organic compounds (bio-active substances). Red Pine Oil contains various active ingredients that have strong pharmacological action such as unsaturated fatty acids, terpenes, vitamins, essential/non-essential amino acids, flavonoids, minerals, and polyphenol. According to results of experimental research on pine needle oil, effects include improving hyperlipidemia and liver function, and anticancer, antibiotic, and antioxidant effects, and its active ingredients include oil components such as α -pinene, β -pinene, camphene, etc., and flavonoids such as quercetin, kaempferol, etc.

The Korea Testing & Research Institute (KTRI) proved that it is a natural antibiotic ingredient that has effects on colon bacillus, salmonella, staphylococcus, and even on the super-bacteria called MRSA.

Red Pine Oil passed the FDA foods safety test, proving its safety, and is used as an ingredient of health functional foods.



The procedure of the Red Pine Oil distillation method and manufacturing process

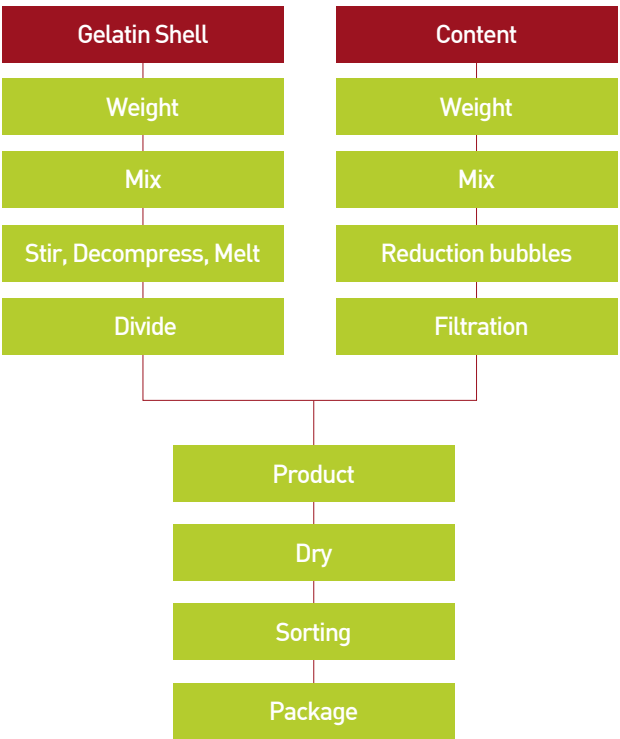
The procedure of the Red Pine Oil distillation method

- 1 A stage of collecting and selecting pine needles
- 2 A stage of washing and drying pine needles
- 3 A stage of slicing and grinding the dried pine needles
- 4 A stage of mixing the grinded pine needles with a proper ratio of water and concentrating them. High technologies and know-hows are needed to calculate the mixing ratio of water, and distillate and concentrate them.
- 5 A process of removing essential oil and unnecessary materials after the concentration process
- 6 A process of adjusting the concentration to the most appropriate level for bodies to absorb
- 7 A process of ripening the results in a special environment
- 8 A quality standard test process for the final product that satisfies company's internal regulations
- 9 A quality certification process for the product that passed the overall test

Equipments



Manufacturing process



Product descriptions



Product Name | JeokSongWon (赤松元) Premium Vita Gold

Type of Product | Health Functional Food

Effectiveness | Anti-oxidation

Product Size | 54g (450mg x 120 capsules)

Ingredient & Content | Distilled pine needle concentrate 99%, VitaminE 1%

Administration Method | 1 capsule, twice a day.

Red Pine Oil (Phytoncide)

KFDA Korea Food Standards
Codex registered
Cdrtified of ingredient safety
by US FDA

Phytoncide, healing breath from the forest
BEDEL KOREA

Health Food



Product Name
JeokSongWon
Gamma
linolenicacid

Type of Product | Gamma-linolenic Acid
Effectiveness | Improvement in blood circulation and cholesterol
Product Size | 90g(500mg x 180capsules)
Ingredient & Content | Gamma-linolenic Acid(4.75%)60%, Pine Needle concentrate - 29%, Soybean oil, Soybean lecithin, D-α-tocopherol(vitaminE)Gelatin, Glycerin
Administration Method | 2 capsules, twice a day.



Product Name
Borage
Gamma Gold

Type of Product | Health Function Food
Effectiveness | Improvement in blood circulation and cholesterol
Product Size | 132g(500mg x 240 capsules)
Ingredient & Content | Distilled pine needle concentrate 40%, Borage Gamma Oil 60%
Administration Method | 2 capsules, twice a day.



Product Name
YuhanM
Multi-Vitamin

Type of Product | Health Function Food
Effectiveness | Energy metabolism, Folic acid metabolism
Product Size | 500mg soft capsule
Ingredient & Content | 7 types of VitaminB, VitaminC
Administration Method | 1 capsule, once a day.



Product Name
YuhanM
Sawpalmetto

Type of Product | Health Function Food
Effectiveness | Prostate health, Cell protection, Immune function
Product Size | 500mg soft capsule
Ingredient & Content | Lauric acid, VitaminE, VitaminC, Zinc
Administration Method | 2 capsules, once a day.



Product Name
YuhanM
Gamma Diet
Plus

Type of Product | Health Function Food
Effectiveness | Improves blood circulation, Reduces body fat, Reduces dangers of osteoporosis
Product Size | 800mg soft capsule
Ingredient & Content | Gamma Linolenic acid, Vitamin D, HCA
Administration Method | 2 capsules, once a day.

Health Food For Export



Product Name
Red Pine
Top Powder

Type of Product | Health Function Food
Effectiveness | Oxidation, Improves cholesterol
Product Size | 550mg x 60 capsules
Ingredient & Content | Distilled pine needle concentrate 495mg, D-α-tocopherol 16.5mg, Grape seed oil 38.5mg
Administration Method | 1 capsule, twice a day.



Product Name
Pine Needle
Love

Type of Product | Health Food
Effectiveness | Improves blood circulation and cholesterol
Product Size | 450mg x 60 capsules
Ingredient & Content | distilled pine needle concentrate 100%
Administration Method | 1 capsules, twice a day
Distilled pine needle concentrate | 100%



Product Name
Red Pine

Type of Product | Health Food
Effectiveness | Improves blood circulation and cholesterol
Product Size | 450mg x 60 capsules
Ingredient & Content | Distilled pine needle concentrate 85%, Vitamin E 15%
Administration Method | 1 capsule, twice a day.



Product Name
(赤松元)
Jeok Song Won

Type of Product | Health Food
Effectiveness | Improves blood circulation and cholesterol
Product Size | 450mg x 180 capsules
Ingredient & Content | Distilled pine needle concentrate 100%
Administration Method | 1 capsule, twice a day.

Product descriptions

Pine Needle
Concentrate EM
Health Foods



Product Name
**Pine Needle
Fermentation
Lactobacillus
Pill**

Type of Product | Processed product (pill)
Major Functions | Normalization of intestinal
bacteria, Recovery of immune bacilli, Detoxification
Product Size | 180g



Product Name
**Pine Needle
Fermentation
Lactobacillus
Enzyme Pill**

Type of Product | Processed product (pill)
Major Functions | Normalization of intestinal
bacteria, Recovery of immune bacilli, Detoxification
Product Size | 180g



Product Name
**Pine needles
concentrate**

Type of Product | Processed product (pill)
Major Functions | Normalization of intestinal bacteria,
Recovery of immune balance, Supplies essential nutrients
Product Size | 30ml



Product Name
**Pine Needle
Fermentation
Lactobacillus
Powder**

Type of Product | Processed product (powder)
Major Functions | Normalization of intestinal
bacteria, Recovery of immune bacilli, Detoxification
Product Size | 100g



Product Name
**Pine Needle
Fermentation
Lactobacillus
Enzyme
Powder**

Type of Product | Processed product (powder)
Major Functions | Normalization of intestinal
bacteria, Recovery of immune bacilli, Detoxification
Product Size | 100g

Personal Care



Product Name
**Kitchen
Detergent
(Lemon)**

Ingredients | Vegetable surface active agent,
Tocopherol, Bamboo pyroligneous liquor, etc.
Usage | Type 1 kitchen detergent (washes
vegetables, fruits and dishes)
Size | 2500ml



Product Name
**Fabric Softner
(Lavender)**

Ingredients | Vegetable fatty acids, remover of
bacteria, herb fragrance, etc.
Usage | Deodorizes fabrics and clothes
Size | 2500ml



Product Name
**Bathroom
Cleaner
(Rosemary)**

Ingredients | Vegetable surface active agent,
Hypochlorite sodium, Emulsifying agent, etc.
Usage | Greasy surfaces, set stains, removal of bad odor
Size | 2500ml



Product Name
**All-purpose
Deodorizer,
Air Freshner
(Phytoncide)**

Ingredients | Vegetable fatty acids, Remover of
bacteria, Herb fragrance, etc.
Usage | all-purpose deodorizing (sink, shoe closet,
bathroom, etc)
Size | 2500ml



Product Name
**Laundry
Detergent
(Softner)**

Ingredients | Vegetable surface active agent, Liner alkyl
benzene sulfonate types, High quality alcohol types, Herb scent, etc.
Usage | Liquid detergent for drum and regular
washing machines
Size | 2500ml

Home Appliances



Product Name
**Phyton
Shower**

Injection Quantity | for 650ml – 1 month (8 hours a day)
when set at low, 15 days (8 hours a day) when set at high
Major Functions | Antibacterial functions through
all-natural phytoncide / Removal of environmental
substances that can cause sick house syndrome /
Relives stress and strengths concentration / Air
purification and odor removal / Helps strengthen
body's immune system



Product Name
**Pine Needle
Phytoncide
Refill Liquid**

Ingredients & Contents | All-natural phytoncide
(refined oil from pine tree), purified water
Manufacturer | Bedel Korea
Expiration Date | 36 months
Consumption Standards for Refill Liquid |
High(forest mode): 8 hours a day, 1 month will
consume 2 bottles of 650ml
Low(sleep mode): 8 hours a day, 1 month will
consume 1 bottle of 650ml
Size | 650ml

Phytoncide, healing breath from the forest

BEDEL KOREA

Beauty & Cosmetic



Product Name
**Phyto-Pine
Soap
(oily skin,
acne-prone skin)**

Ingredients | All-natural pine needle oil, Propolis,
tocopherol, Olive coconut oil, Vitamin E
Effectiveness | Removes sebum, Dead skin cells
and blackheads 99.9% sterilization of E. Coli and
S.aureus in 1 minute, Antibacterial effects against
Propionibacterium acnes and Pityrosporum
ovale(Results of Korea Testing & Research Institute)
Size | 650ml



Product Name
**Phyto-Pine
Soap
(normal skin,
oily skin)**

Ingredients | All-natural pine needle oil, tocopherol,
olive oil, coconut oil, Vitamin E, etc.
Use | Antibiotic, Clensing
Effectiveness | Clensing, removes sebum, dead skin
cells and blackheads shfink pores, removes demodex
folliculoru



Product Name
**Phyto-Pine
Soap
(sensitive skin,
dry skin)**

Ingredients | All-natural pine needle oil, tocopherol,
olive oil, coconut oil, Vitamin E, etc.
Use | Moisturising
Effectiveness | Moisturizing effect, baby bath



Product Name
**Phyto-Pine
Toothpaste**

Ingredients | All-natural red pine oil, Aminocaproic
acid, Allantoin hydroxy aluminum chloride, Sorbitol,
Licorice extract, Menthol, etc.
Effectiveness | Prevents gum diseases, periodontitis
and cavities, removes bad breath and anti-plaque, etc
Size | 150g



Product Name
**Pine Needle
Aroma**

Ingredients | Pine needle concentrate phytoncide,
grain, limonene 1), Main ingredient 100% all-natural
ingredients
Effectiveness | Wood bathing effects / Increases
level of concentration and relieves stress / Removes
bad odor / Anti-bacterial and sterilization effects /
Prevents mold and bacteria
Size | 40ml



Product Name
**Phyto-Pine
Facial Oil**

Ingredients | Red pine oil TM, Borage oil, Ylang-
ylang oil, etc.
Usage | Nourishes the skin and adds shine to the skin
Size | 10ml



Product Name
**Phyto-Pine
Ato Oil**

Ingredients | Red pine oil TM, Borage oil, Lavender
oil, Sweet orange oil, etc.
Usage | For trouble skin
Size | 10ml



Product Name
**Phyto-Pine
Red Pine Oil**

Ingredients | Red Pine oil TM, Borage oil, ylang-
ylang oil, etc.
Usage | Antibacterial effects, infection removal,
aromatherapy
Size | 10ml



Product Name
**Phyto-Pine
Sports
Massage Oil**

Ingredients | Red Pine oil TM, Borage oil, Peppermint
oil, Menthol oil.
Usage | Pain relief, infection removal, muscle relax
Size | 10ml



Product Name
Realx Gel

Ingredients | Distilled pine needle concentrate,
Menthol, Camphor, Crinum extract, Relax complex
Effectiveness | Shoulder discomfort, Muscle pains,
Joint pains, Menstrual pain
Size | 100ml

Phytoncide, healing breath from the forest



BEDELKOREA. CO.,LTD
Red Pine oil(Phytoncide) R&D

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赤松元

Your Best Business Partner

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