



COMPANY PROFILE

The ecoparadise® deoxidation method, developed by Ecoparadise Co., Ltd. in Japan is a revolutionary technology used for the rejuvenation of health and the purification of the environment.

ecoparadise is actively engaged in research and continues to develop new applications using our methods and technology.

www.ecoparadise.com

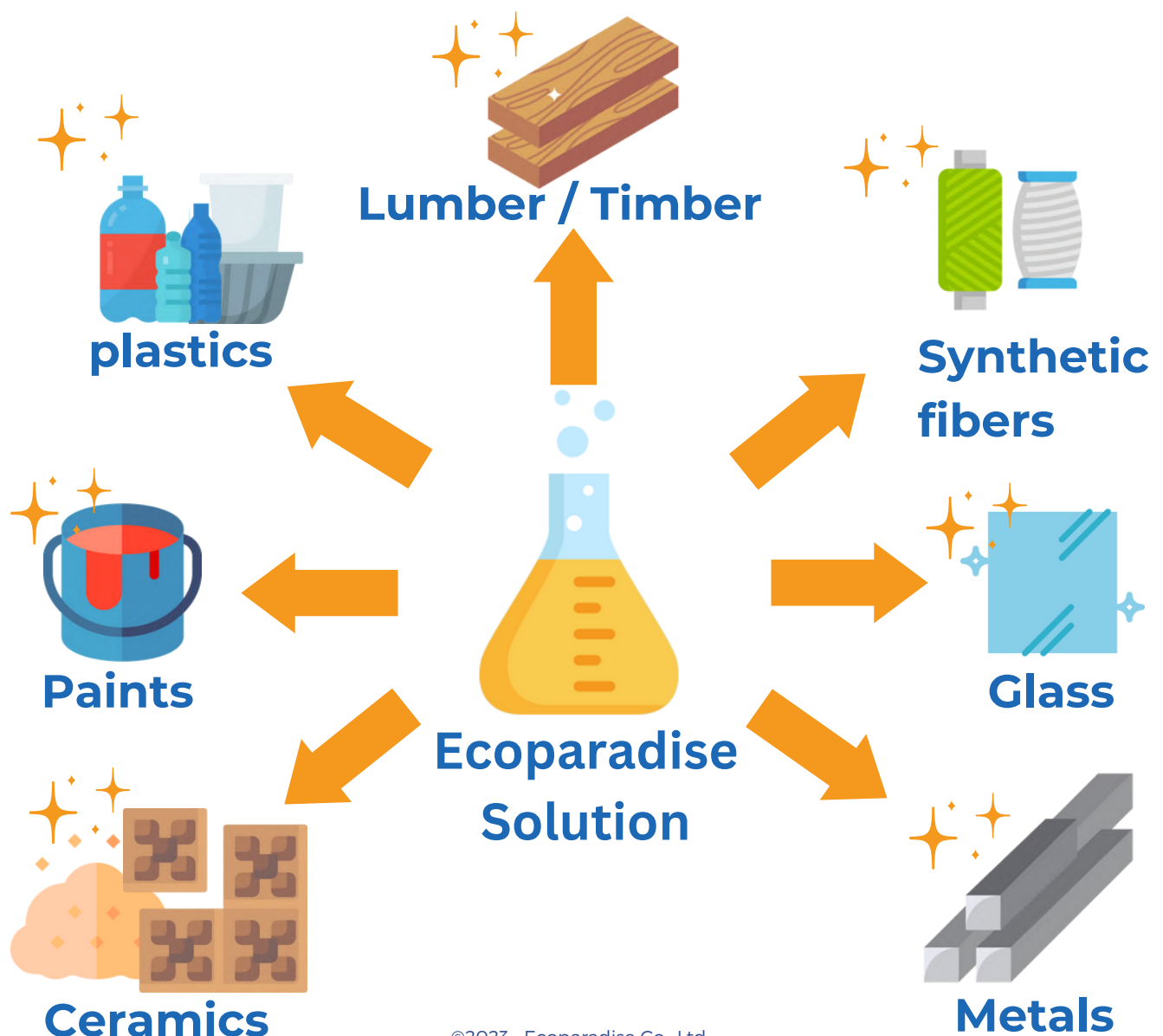


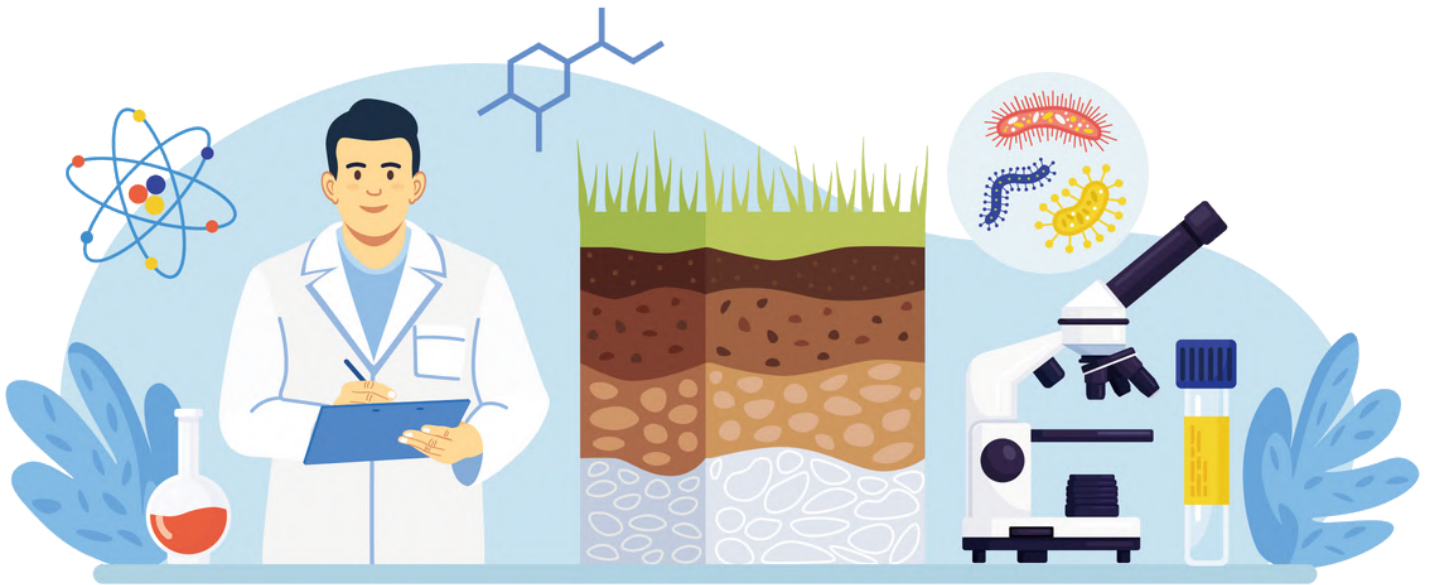
What is “ecoparadise® solution”?

“ecoparadise® solution” is a special enzyme extracted from soil bacteria in Shiraoi-cho, Hokkaido, and cultured with molasses and other substances. It is used as a catalyst in the manufacturing process of materials and products. It changes the properties of those materials and products so that they 'release electrons when they react with free radicals such as active oxygen present in the surroundings.

They are applied to all kinds of materials and products, including metals, plastics, various building materials, paints, ceramics, soaps and synthetic fibers, and are used in a wide range of fields including agriculture, fishing, industry, medicine, construction and general household products.

These processed products automatically purify their surroundings simply by being present in a space, but since this action is triggered by free radicals, they do not work in excess once the surroundings and human body have been purified, and there is no concern about undesirable side effects.





The processed materials and products treated with ecoparadise® solution, which keep to emits electrons when it reacts with free radicals present in the surroundings, are not electrically charged due to its properties.

As a result, Bad bacteria represented by pathogenic bacteria and putrefactive bacteria, which are said to prefer charged places, are repelled, and instead, friendly bacteria represented by bifidobacteria and lactobacilli, which have the opposite characteristics, are attracted to them, creating an environment in which they can easily multiply. Bacteria that do not belong to either group, called opportunistic bacteria, side with the more dominant of the two groups, the good bacteria or the bad bacteria.

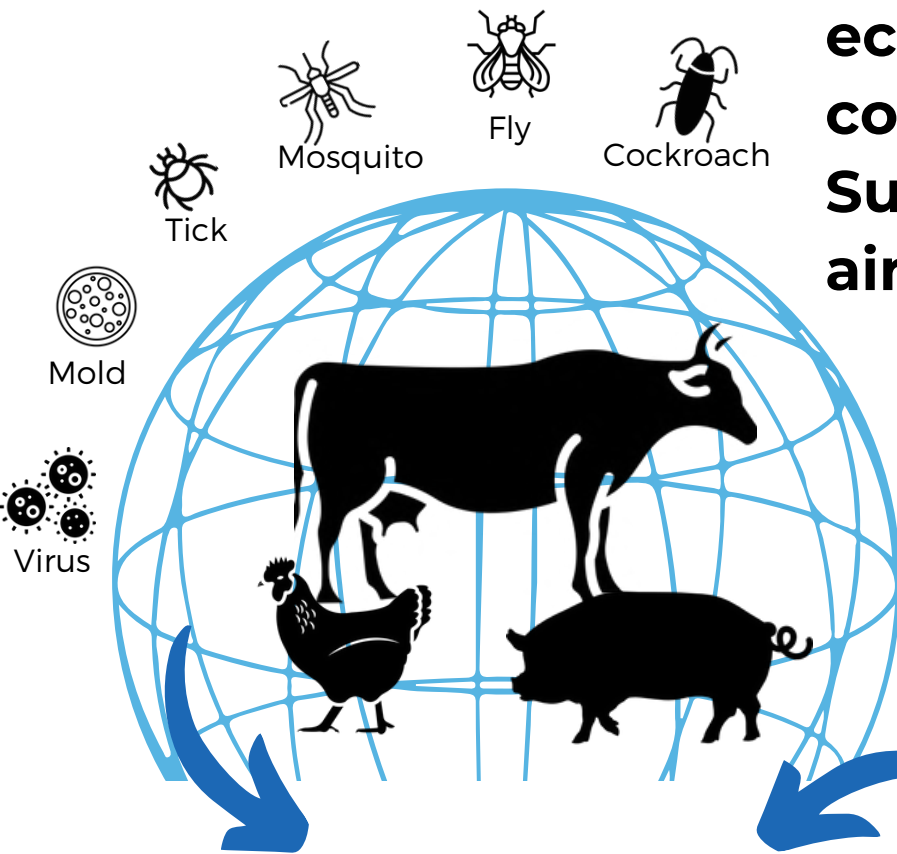
This means that if there are many materials and products on the earth, including houses, that utilize the ecoparadise® solution, the good bacteria will naturally predominate. In other words, the air, water, soil, and the bodies of all plants and animals, including humans, will be purified throughout the entire global environment, inside and out.

It is said that solving the problems of static electricity and odor, which have been issues since the 20th century, has yet to be solved, but ecoparadise® has already begun to solve them since the end of the 20th century.



Barns constructed with ecoparadise® construction method, Supply electrons to the air, water and soil.

Harmful insects, bad bacteria, moulds and viruses avoid environments that emit large amounts of electrons. A favourable air, soil and water environment also improves the quality of livestock and crops. In addition, the use of compost made from livestock excreta further promotes plant maturity.



Ferment factory constructed by **ecoparadise® construction method** makes better Compost by secondary fermentation.



Ecoparadise Pail turn garbage into good compost automatically.

Pirkare III

Pirkare III & finished secondary ferment Compost provided by Ferment factory provide more & better Crops.



With the use of **P-Gro**, sunflower plants can grow to more than 4 metres. The quality of seafood products such as Shanghai crabs has also improved.



Using **Pirkare III** (All-purpose Soap Powder) for cleaning and washing in the relevant facilities also serves to purify the water into which the wastewater is fed (sewage, rivers, lakes, ponds and sea water).



Results - Improved yield, nutritional value, tolerance, durability and shelf life.

What is “Pirkare III?”

Pirkare III is a water-soluble powder form and 100% manufactured in Japan. It consists of the following ingredients:

- Recycled Rice Bran Oil (sodium fatty acid)
- Sodium carbonate
- ecoparadise® solution



When free radicals (positively charged ions) are present in the air or soil, they react to continuously release electrons.

Removes static electricity, which leads to the mass activation of the good jade bacteria and inhibits the reproduction of harmful bacteria, moulds and viruses.

Helps plants stay healthy.

Functions

●As a growth enhancer

- The roots of plants grow longer. This helps plants grow naturally and healthily.
- Early flowering and fruiting
- Improves soil quality.

●As a fungicide/pesticide:

- Provides electrons to the soil and enhances the growth of good bacteria.
- An electron-rich environment does not conduce to the growth of bad bacteria, fungi and viruses.

●Pirkare III produces vegetables, fruits, and flowers which will not rot as easily.

grass growth test in Malaysia



Control

With **Pirkare III**



red chili pepper in Vietnam

Benefits

- Improves yield and quality as well as shelf life of produce
- Safe for human health
- It can be used in daily household activities including laundry, washing detergent, pet shampoo and other multiple functions
- Environmentally friendly
- Helps to clean up the environment
- Purifies water and sewerage

Sewerage water in Okinawa, Japan

Application of 5g to 5 liters water, once per day



Before



After 1 week

Examples of utilisation

●Shanghai crab farms

Application of **Pirkare III** in fish pond, crab pond, shrimp pond to improve water quality: it can make fish, shrimp, crab grow healthily without antibiotics to reduce mortality and improve yield and quality.



●Soil improvement to get rid of weeds



Before overwintering, plow **Pirkare III** into the soil, improve soil conditions and make it less prone to weed growth.

●Greenhouse vegetable cultivation



Effects on leafy greens, the leaves are generally larger for better photosynthesis and nutrient absorption. And pests and diseases are reduced.

●Other examples.

Approximately 70% of the logs in the mushroom cultivation had become mouldy, but after one month of using **Pirkare III**, the incidence of mould was zero.



Products



Pirkare III

Pirkare III is our environmentally-friendly general cleaning solution for you.

Amazingly, it further purifies your sewage, river and seawater naturally, when discharged! Pirkare III is made from recycled Rice Bran Oil, purified water, together with our unique **ecoparadise®** solution.

It effectively cleans by breaking down the bonds that hold dirt and oily particles together. It can be used to clean any object, including clothes, raw food, dishes, floors, and baths. In the field of agriculture, it is a high-yield "fertilizer" and repels pests by encouraging plants to grow healthily.

Packaging: 1kg, pack



ecoparadise® Pail

"Ecoparadise Pail" that converts improves the quality of your drinking. By putting water into this pail, you will have smooth, delicious water. Recommended as a container for fermented foods like yogurt and fermented fruit juice to mature quickly and tastefully. When used as a trash container for organic waste, it can be used to make compost. Several local governments in Japan have adopted this product as a composting container product for food waste.

Size (D×W×H)
10 liters : 25 × 25 × 28cm



ecoparadise® Pack

Keeps food such as breed, rice, vegetables, and fruits (even clothing stored in them) fresh and mold-free for extended periods of time, washable and reusable.



Size (T×W×H)
3kg... 0.06×220×400mm
5kg... 0.08×280×480mm
10kg... 0.09×340×560mm
30kg... 0.15×480×880mm

*Can be applied as agricultural mulch sheets and greenhouse linings using the original roll. Promotes plant growth and prevents mould.



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Papaya Growth Data

TREATED with PIRKARE		P1		P2		P3		P4		P5	
		Height	Harvested	Height	Harvested	Height	Harvested	Height	Harvested	Height	Harvested
2013	APRIL	137	-	156	-	160	-	140	-	115	-
	MAY	160	-	194	-	220	-	167	-	156	-
	JULY	210	-	230	-	260	-	230	-	180	-
	SEPTEMBER	255	3.3	290	14.6	340	1.8	290	3.2	220	9.8
	NOVEMBER	285	4.1	325	8.8	370	2.7	310	12.9	240	8.6
2014	MARCH	-	8.5	-	3.1	-	-	-	9.3	-	-
	MAY	-	6.2	-	13.7	-	-	-	3.1	-	1.8
		(cm)	(kg)	(cm)	(kg)	(cm)	(kg)	(cm)	(kg)	(cm)	(kg)



115.5

(kg)

Date: March 31, 2014

CONTROL		C1		C2		C3		C4		C5	
		Height	Harvested	Height	Harvested	Height	Harvested	Height	Harvested	Height	Harvested
2013	APRIL	52	-	98	-	45	-	77	-	89	-
	MAY	64	-	125	-	60	-	100	-	112	-
	JULY	150	-	210	-	120	-	160	-	170	-
	SEPTEMBER	200	-	270	-	165	-	210	-	230	-
	NOVEMBER	240	-	325	-	200	-	260	-	280	-
2014	MARCH	-	4.2	-	4.9	-	-	-	-	-	6.8
	MAY	-	3.1	-	9.8	-	-	-	2.5	-	7.6
		(cm)	(kg)	(cm)	(kg)	(cm)	(kg)	(cm)	(kg)	(cm)	(kg)



38.9

(kg)

Date: March 31, 2014

**F.A.S.T. Laboratories***The First Analytical Services And Technical Cooperative*

TECHNICAL EXCELLENCE • INTEGRITY • QUALITY SERVICE • SOCIAL RESPONSIBILITY

F.A.S.T. Laboratories – CDO
Lapasan Hi-way corner Camp Alagar Road CDO City

Reference No. CD1311-1569

TEST REPORT

CUSTOMER : BOY ROCAT
ADDRESS : Villa Trinitas, Bugo, Cagayan de Oro City
SAMPLE SUBMITTED : PAPAYA FRUIT
SAMPLE CODE : CD1311-1569-02
Date / Time Received : 13 November 2013 /10:00 AM
Date Analyzed : 15 November – 05 December 2013
Date Reported : 09 December 2013

Parameters	Results	Test Method
	Controlled Ripe Papaya CD1311-1569-02	
^a Vitamin A (Beta Carotene), µg/100g	0.2	HPLC
^a Vitamin C, mg/100g	31.4	AOAC No. 967.21, Titrimetry
^b Vitamin E, mg/100g (Alpha-Tocopherol)	0.50	Saponification Solvent Extraction/HPLC

Parameters	Results	Test Method
	Treated Ripe Papaya CD1311-1569-01	
^a Vitamin A (Beta Carotene), µg/100g	40.0	HPLC
^a Vitamin C, mg/100g	75.7	AOAC No. 967.21, Titrimetry
^b Vitamin E, mg/100g (Alpha-Tocopherol)	0.27	Saponification Solvent Extraction/HPLC

Note: a – Subcontracted at F.A.S.T. Laboratories – Cubao b – Subcontracted at PIPAC

Reference: Official Methods of Analysis of AOAC International, 19th ed., 2012

Results are those obtained at time of examination and relate only to the sample(s) tested.

CERTIFIED BY:

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