







1 FINE TnC Cleaner & Safer

### Welcome

Fine TnC develops and manufactures detergents and chemicals for professional laundry industry.

Laundry industry has been growing and becoming systematic. However there is being consolidated to large enterprises who run systematic laundry processes, so the technology to identify the right chemicals and detergents, and to use them correctly is more critical than ever before, as the impact of laundry accident can create serious fatal business problems to the enterprise and industrial laundry service providers.

We have been doing our best to provide satisfaction in qualify for both laundry service providers and their customers.

With the slogan of "Cleaner and Safer", Fine TnC, as the best partner of laundry industry, will continue to contribute to the laundry industry by providing high level information and technologies together with our superior performance detergents.

### Thank you





### About us

### Company

NAME Fine TnC

CEO HyunYong Lee

Product type Laundry detergents /

Laundry additives

Established 2002

Website www.finetnc.com

### Staff Structure (2018)



### History

2002. 07 Founded Fine TnC

2004. 01 Launched 1st Industrial detergent Started manufacturing

2005. 01 Launched 1st detergent for dry cleaning

2006. 05 Participated in "The Clean show LA"

2007. 03 Participated in 'China Laundry Expo"

2008. 01 Began to export to China

2008. 01 Began to export to U.S.A.

2010. 10 Supplier contract with 'Cleantopia'

2011. 03 Supplier contract with 'World-Cleaning'

2016. 12 Moved headquarter to Sejong-si Opened new manufacturing plant

2017. 07 Acquired 'Safety test" certification for all products

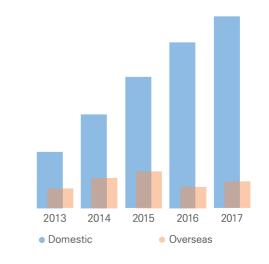
2018, 06 Certified Korea Eco-label

2018. 07 Distributor contract with UNISEC for Korean market

### Sales distribution



### Business growth



# Cleaner & Safer with FINE TnC

Fine TnC will support customers with the slogan of "Cleaner and Safer".



# **CONTENTS**

- 01 Eco-Friendly Laundry Detergents
- 02 Dry Cleaning Detergents
- 03 Dry Cleaning Tips
- 04 Pre-Wash Treatment Agents
- 05 Neutral pH Detergents
- 06 Special Detergents

- 07 Laundry Detergents & Additives
- 08 Finishing Agents
- 09 Stain Remover
- 10 Instruction for Stain Removing









### Ecolabel certified laundry detergents

**ECOCHIP** 

Ecolabel is a certification program that authorizes the inclusion of a specific logo (Ecolabel) and a brief description on eco-friendly products selected from the products and services with the same uses that can reduce the energy and resource consumption and minimize the generation of environmental pollutants in the different stages of the entire process involving them: production distribution - consumption.

It has been implemented in Germany in 1979 firstly and has been successfully spread throughout around forty countries including the EU, northern European countries, the US, and Japan. It has been implemented in Korea from April 1992.



### Ecochip-Blue

### For Front-loader

Use Eco-friendly laundry detergent **pH** Neutral Size 6 0 x 3

### Ecochip-Klar

### For Front&Top loader

Use Eco-friendly laundry detergent **pH** Mild alkali Size 6 0 x 3



### **Dry Cleaning Detergents**

Dry Surf series are hygienic detergents which have proved 99.9% of bacterial reduction rate in the test performed by FITI Testing & Research Institute in Korea. These detergents will provide perfect level performance of 'Retaining clothes shape, superior cleansing power and high quality finishing' as cleaning detergent and it will create satisfaction for both laundry service providers and their customers.

### **DRY SURF** Features

Cleansing power synergy effect with solvents
Accident prevention and improved cleansing created
by solubilization
Softening and brightening effect
Perfect antistatic control effect



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### Drysurf-Hydro

Use Dry cleaning detergent for hydrocarbons Ionicity Cation Size 40 x4/180



### Drysurf-Petro+

**Use** Dry cleaning detergent for petroleum-based solvents

Ionicity Cation Size 40 ×4/180



### Drysurf-Perc

**Use** Dry cleaning detergent for perchloroethylene

**Ionicity** Cation **Size** 40 ×4/180



### Sol-Doctor

**Use:** Fatty acid remover powder for dry-cleaning solvent

**Size**: 300g

- ·Eliminating odors from solvents
- Preventing garments greying by removing fatty acids dissolved in solvents
- ·Made of 100% Natural ingredients which are safe for solvents and clothes





### The proper way of using detergents

We recommend to use new fresh solvents and change filters when you replace the detergent to another one.

It is not recommended to use mixture of multiple detergents which may cause interference between different active agents.

Please maintain enough high filtering and low moisture contents to prevent laundry quality problems.



# Pretreatment of oil-based and insoluble pollutants

(Dust, tar, cosmetics, animal/plant fats, and mineral oil, Etc.)

Spray "Presol-Dry" without watering and tap slightly with brush.



# Pretreatment for Dry-cleaning Pretreatment for removing

retreatment for removing water-soluble pollutants

(Sweat, food, drinks, alcoholic drinks, fruit juice, salt stain Etc.)

Steam or spray water on the spot, Spray or apply the "Presol-Dry" and tap the spot slightly with brush.

For yellow or aged contamination spot, steam the spot enough long time after soak the spot with water to loosen the pollutants before apply the "Presol-Dry".



# Restoring instruction for the clothes contaminated by dye transfer stains

Treatment solution preparation:

(20I sovent + 200ml Dry-Surf + 200ml Rainbow POG) Soak the contaminated clothes in the treatment solution for 1 hour and wash.

Extend the soaking time to 12 hours for serious contamination.







# Pre-Wash Treatment Agents

First aid pre-wash treatment agent for strongly adhered, aged and oil base contaminants prior to wet cleaning

### How to use



**STEP1** SPRAY Spry on the spot.

>

STEP2 WAIT

Leave 5 minutes.



**STEP3** RUB

Rub slightly to dissociate contaminants from fabric.



**STEP4** WASH

Rinse out the "Presol" with water or wetclean the clothes.



### Presol-Conc

**Use** Pre-wash agent for water washing (concentrated)

**pH** Neutral

Size 4 0 × 4 / 18 0

### Description

- Highly effective detergent for oils, ink, cosmetics contaminants on sleeve ends or collar of shirts or down jacket
- · Safe for all kinds of fabrics washable in water
- · Highly concentrated



### Presol-Prewash

**Use** Pre-wash agent for water washing (spray)
For clothes, fabrics, sneakers

pH Mild alkali

**Size** 300ml / 4 (x 4 / 18 (

### Description

- · First pre-wash agent to treat deeply impregnated, aged or oily contaminants
- · Mild alkali(pH 8.5) formulation that is free from fabric damage
- Safe to human body as the formulation is free from harmful ingredients such as bleach, colorant and fluorescent brightener



### Presol-Dry

**Use** Pre-wash agent for Dry-cleaning

**pH** Neutral

Size 4 ( × 4 / 18 (

### Description

- Multi-purpose agent for both hydrophobic and hydrophilic stains
- · Safe for all kinds of fabrics
- · Can be used for removing oilbased stains for water washing



# PangPang Stain remover Wipes

Use Instant stain remover for clothes, fabrics and shoes pH Mild alkali

Size 15cm x 15cm/sheet, 4sheets in one case

- · Ease of carry and use
- · Applicable for various dirt in daily life
- · 4 Alcohol swaps are included for hygiene



# Laundry Detergents Adding Elegance to your Water-based Wash

Neutral detergents providing clean wash result with shape retaining and prevention of re-soiling.



### Anywash-Neutral

Use Neutral detergent
For washing & Home dry-cleaning
pH Neutral
Size 6 ℚ x 3

- · Neutral detergent for delicate fabrics
- Excellent washing safety for fabrics
- · Removal of soil and odor in one cycle washing
- · Fabric softener included



### Anywash-Shine

Use Neutral detergent For washing & Home dry-cleaning pH Neutral Size 6 ℓ x 3

### **Description**

- Protecting fabrics and colors (Special softening ingredients included)
- · Make bright and nice colors
- Neutral detergent suitable for cold water washing and front loader



### Bluechip

**Use** Neutral laundry detergent **pH** Neutral **Size**  $6 \ 2 \times 3$ 

### **Description**

- · Excellent cleaning power and safe
- · low-foaming formulation suitable for front-loader washer
- · Prevention from re-soiling and dye transfer stains



### Bluechip-coin

Use Neutral detergent pH Neutral Size 18 ℓ

### **Description**

· Developed for automatic dispenser of coin washer (Low viscosity)



O6
Special Detergents
Cleanrak



FINE TnC Cleaner & Safer

## Customized formulation to meet special requirements

Detergents providing extra-clean performance, protection of fabric functions and retaining the original shapes of laundry.



### Cleanrak-2in1

**Use** One-step-laundry detergent **pH** Neutral **Size**  $4 \ \& \times 4 \ / \ 18 \ \&$ 

### **Description**

- · No need for pretreatment
- · Highly concentrated biphasic formulation
- · Excellent cleaning effect for deeply impregnated, aged or oily contaminants
- · Safe for any fabrics washable in water



### Cleanrak-Shoes

**Use** Sneakers detergent **pH** Neutral **Size** 16 ℓ

- · Prevention from re-soiling, color fading and cross-transfer of fabric colorant
- · Deodorizing and sterilizing effect
- · Low foaming, quick defoaming and easy rinsing



### Cleanrak-Outdoor

**Use** Detergent for functional outdoor fabrics

**pH** Neutral **Size** 4 ℓ

### **Description**

· Retaining water-repellency and waterproof functions of outdoor fabrics



### Cleanrak-Aqua

**Use** Detergent for animal fibers (Wool, silk, suede)

**pH** Mild acid **Size** 4 0

### Description

- · A detergent to protect fabrics and the colors (special softener included)
- · Whitening and brightening effect
- · Optimized pH balance to minimize fabric shrinkage

### Advantages of one-step laundry without pre-treatment

Free from hard pre-treatment

Completes 2 times more laundry in the same hour

Completes 2 times more laundry in the same hour

### One-step laundry process with Cleanrak-2in1 without pre-treatment

### General laundry process



### Pretreatment-included laundry process







>> Effect: Overall laundry process time is reduced to ½.

07

water twice

# **Laundry Detergents & Additives** Cleanrak

Detergents and additives recognized by professional laundry service providers

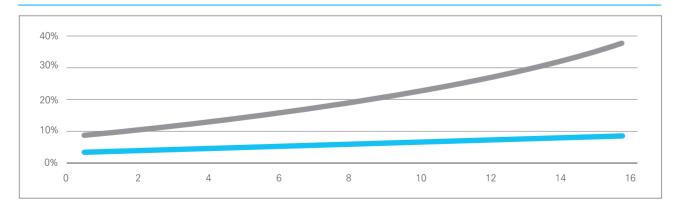
Detergents and additives recognized by professional laundry service providers



### Re-soiling preventing effect of Colorkeeper

Re-soiling test method			Resul	t	
	Original Veil	No Treatment	Washed with Colorkeeper	Washed with Detergent	Detergent + Colorkeeper
	1	2	3	4	(5)
Blue pigment 0.01% Tap water + Black ink 0.1%					
<ul> <li>Wash cotton veil samples</li> <li>Soak cotton veil samples in the ink contaminated water for 1 hour.</li> <li>Rinse the washed veil samples in clean tap water twice</li> </ul>	2) Colorkee	per shows be	tter result than	gent only (② vs ( detergent only ( keeper+deterge	

# The trend of whiteness loss ratio versus number of laundry



- Laundry with detergent only
- Laundry with detergent and color keeper



### Cleanrak-Power

Use Laundry detergent pH Mild alkali Size 4 Q /18 Q

### **Description**

- · High concentration of active agents
- · Buffering effect for organic and inorganic alkali formulation
- · Suitable for whitening washing with hydrogen peroxide or Clorox(sodium hypochlorite solution)



### Cleanrak-Saving

Use Industrial laundry(linen type) pH Mild alkali Size 18 ℓ

### **Description**

Laundry detergent for industrial use



### Cleanrak-Sour

Use Neutralizing agent for high-alkali washing pH Acid Size 18 ℓ

### **Description**

- · Sterilizing and yellowing prevention of fabric
- · Cleaning acid soluble contaminants such as iron content by dissolving
- Neutralizing alkali ingredients and decomposition of soap and whitener contents



### Cleanrak-POG

**Use** Degreasing powder for laundry **pH** Mild alkali **Size** 20kg

### **Description**

- · Organic and inorganic degreasing ingredients for oil and fat removal
- · Suitable for oily stains of working garments(kitchen or other places)



### Cleanrak-Colorkeeper

Use Re-soiling preventing additive for water laundry pH Neutral Size  $6 \ell \times 3 / 18 \ell$ 

- · Applicable for both natural and synthetic fabrics
- · Preventing re-soiling and colorant cross-contamination
- · Whitening and brightening effect
- · Retaining whiteness of white garments for long time



# Finishing agents Adding elegance to Garments

Enjoy stylishness and special functions applied to your laundry garments with our softeners and finishing agents



### Wave-Freesia

# Use Fabric softener pH Mild acid

Size 10 @



- · Highly concentrated fabric softener
- · Half the usage of regular fabric softener
- · Sweet and fresh fragrance of freesia



### Wave-Fragrance free

Use Fabric softener pH Mild acid Size 10 ℓ

### Description

- · Highly concentrated fabric softener
- Half the usage of regular fabric softener
- · fragrance-free



### Wave-Coin

Use Fabric softener pH Mild acid Size 10 ℓ

### Description

· For automatic dispenser in coin washing machines (Low viscosity)



### HooEn-Sizing

Use Liquid laundry starch pH Mild acid Size 6 \( \extstyle / 18 \( \extstyle \)

### **Description**

- · Highly concentrated liquid laundry starch
- Non-stick ironing and soft starching
- · Applicable for wide range of fabrics: cotton, hemp, rayon, spandex and synthetic fabrics
- · Add to the last rinse cycle of washing or spray diluted liquid to fabric as needed



### HooEn-Starch

**Use** Laundry starch powder **pH** Neutral **Size** 800g / 10kg

### Description

- · Instant starch powder
- · Premixing and heating are not required.
- · Soluble starch well-dispersed in cold water
- · Convenient use, and ease of fabric stiffness control by usage control



### HooEn-Silk

Use Gloss agent pH Neutral Size 4 ℓ

### **Description**

- · Multi-effect agent for softening, gloss, antistatic, anti-wrinkle
- Brightening and whitening effect
- · Special silicone softener formulation does not make yellowing or stains of fabrics.



### HooEn-Rin

**Use** Multi-purpose finishing **pH** Weak acid **Size** 4 **Q** 

### **Description**

- · 3 effect(softening + stiffening + Gloss) in one treatment
- · Soft starching + anti-wrinkle



### HooEn-ASA

Use Anti-static agent pH Neutral Size 10 ℓ

### Description

- · Anti-static agent for garment and other laundry
- Anti-static effect on wide range of materials
- · Performs well under dry condition; effect is not controlled by humidity.
- · User can choose various treatment method, brushing, spraying, dipping and so on



### HooEn-Color up

Use Color restoring agent pH Neutral
Size 400ml Mild alkali

- · Convenient aerosol-type color restoring agent
- · Suitable for garment and shoes made of animal fabric like suede, leather etc.



### The Stain Remover Series

Differentiate your laundry service with our Rainbow System: convenient, safe and well-performing stain removers.

# The pH scale of Rainbow stain removers



		Stain Removers Color index	
рН	Product name	ldeal for	Cautious with
1	Rustsol	Rust stain	
2	r nustsoi	Limestone, sweat stain	Vegetable-derived fabrics
3		Vegetable-derived stains	(cotton, hemp)
4	Tannin	Coffee, fruit juice, grass stain, wine, mustard, soft drinks	
5 6	Safer	Complex stain composed of oily and water soluble contaminants such as soup  Dye transfer stain during washing	· Safe for most fabrics
7 8	POG Pen	Paints, oils, grease, cosmetics, animal- or vegetable-derived oils, pen, ink, and dyes	Goods processed from vinyl resins
9	Enzyme L	Stubborn protein stains	
10	Enzyme P	Blood, natural glue, food, menstrual blood	· Safe for most fabrics
11 12	Protein	Animal-derived stains  Blood, sweats, milk, food, chocolate, mayonnaise	Animal-derived fabrics
13	· Saponic	Stubborn animal- or vegetable-derived oils	(wool and silk), nylon
14	Тоаропіс	Dedicated for cotton and polyester fabrics	



### Rustsol

Rust remover

Oxidized rust stains, sweat stains, soil dust, limestone, etc.

**Size** 500ml / 4 l



### **Tannin**

Tannin-based stain remover

Coffee, fruit juice, grass stain, wine, mustard, green tea, drinks, beer etc

**Size** 500ml / 4 l





### Safer

Multi-purpose stain remover

Complex stain composed of oily and water soluble contaminants, and unidentified stains, applicable for pretreatment and post treatment of both dry and wet cleaning

Size  $500m\ell / 4\ell$ 

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### POG

### Oil-based stain remover

Paints, oils, grease, animal –and vegetable–derived oils, oil-based pen, cosmetics etc.

**Size** 500ml / 4 l



### Pen

### Pen and ink stain remover

Oil-based and water-soluble pen, ink, ball-point pen, sign pen, name pen, fluorescent pen, leather dye etc.

Size 500ml / 4 l





### Enzyme L, P

### Protein stain remover

Solid protein stains (menstrual blood, glue elements etc.)

Size 500ml / 400g





### **Protein**

### Protein stain remover

Blood, sweats, milk, urine, vomits, food, chocolate, mayonnaise, cocoa, ketchup etc.

**Size** 500ml / 4 l





### Saponic

Remover of animal- or vegetable-derived fats and oils

Alcoholic KOH solution Exclusively for polyester, cotton, or polycarbonate fabrics

Size 500ml / 4 l



### Color (K-Soap)

Dye-transfer stain remover for laundry

Applicable for any washable clothes

Size 2 Q



### LAUNDRY STAIN REMOVER

### - 3 Types Set

Oil(Pen), Protein, Tannin

Pen and ink stain remover Protein stain remover Tannin-based stain remover

Size 50ml\*3



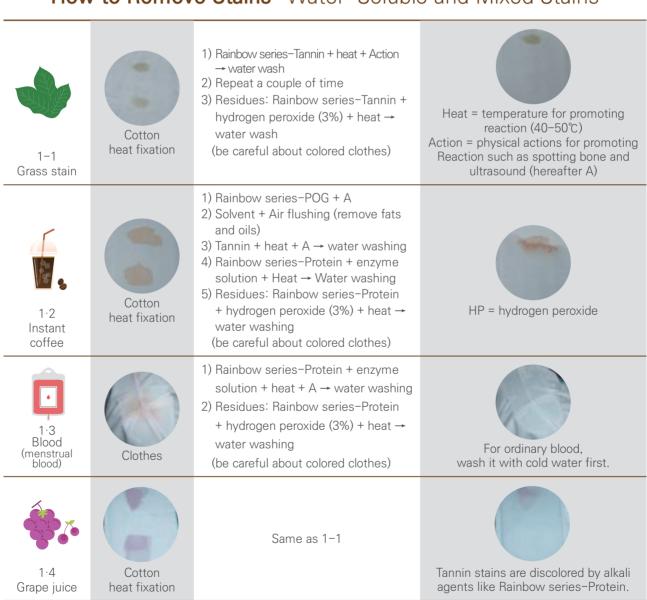
Pollutant Type	POG	Protein	Tannin	Remarks
Ball-point pen /ink/adhesive	•			
Cosmetics/manicure	•			In case of set-in stains, use the product a couple of time.
Grease/oil/paint	•			<ul> <li>If colors remain, apply No. 3 first from the table below.</li> <li>Rainbow-Pen is effective for</li> </ul>
Lacquer /shoe polish/tar	•			various pen or ink stains.
Lipstick /mayonnaise/clay	•	•		
Blood/milk		•		
Beer/chocolate		•		
Coffee/food /grass stain		•	•	In case of set-in protein stains,
Fruit/Ice cream		•	•	liquid or powder enzyme is effective in removing them.
Ketchup /mustard/green tea		•	•	<ul> <li>In case of remaining stains, oxygen bleach is effective in removing them.</li> </ul>
Sweat/urine/tobacco			•	
Coke/whisky/perfume			•	
Pharmaceutical products	•	•	•	

1	2	3	4	5	6
Mixed	Oil-based	Protein	Tannin	Organic materials	Dyes
Safer	POG	Protein	Tannin		Reductive Bleach

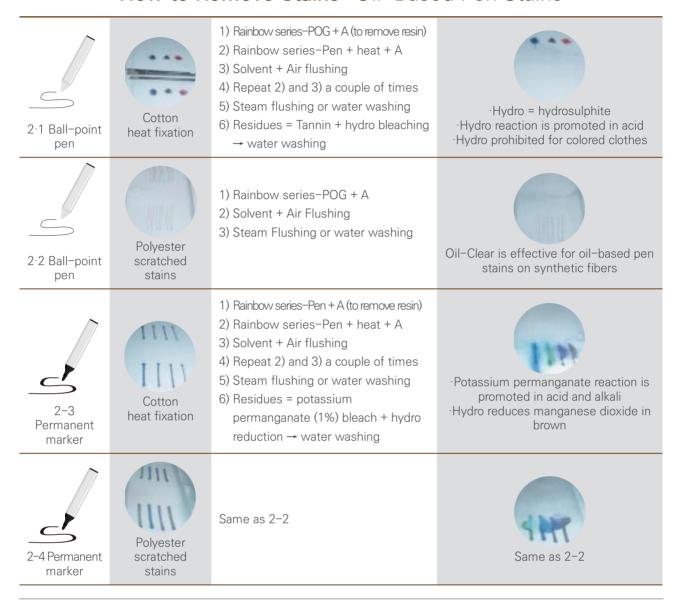
The order of agents to be applied for stains created by mixed or unidentified pollutants (table)

- ·Read through the instructions and precautions before you use these stain treatment chemicals.
- ·Try for small area at hidden part of the garment if the fabrics have weak chemical resistance and weak dveability.
- It is recommended to use these stain removers on a spotting board and rinsing with solvent, water or steam is required before dry-cleaning.

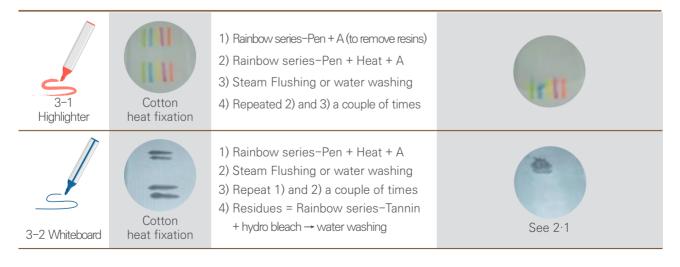
### How to Remove Stains Water-Soluble and Mixed Stains



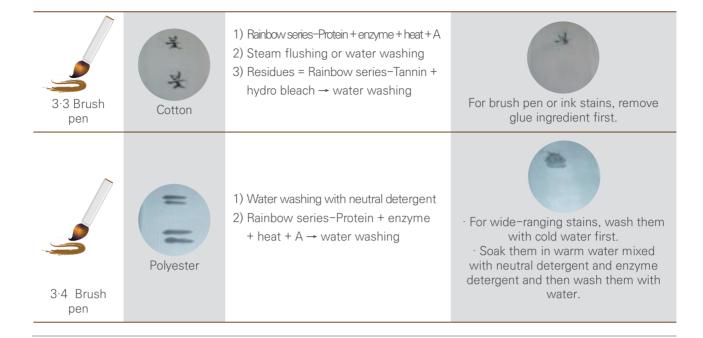
### How to Remove Stains · Oil-Based Pen Stains



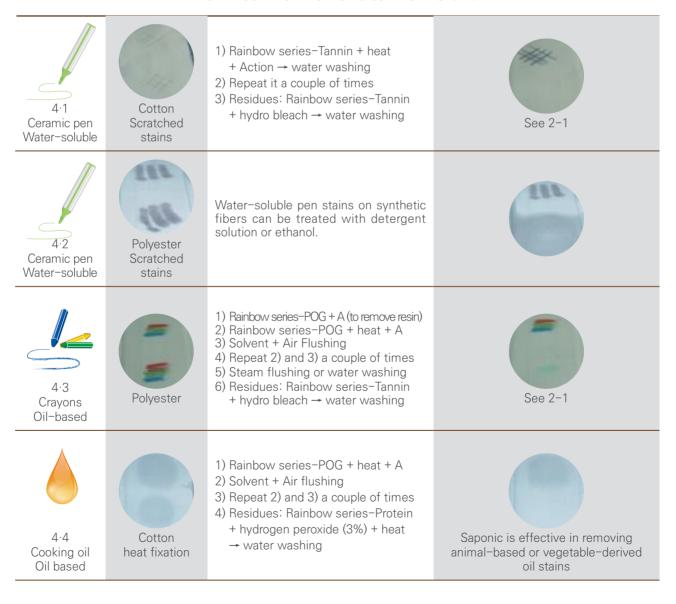
### How to Remove Stains Water-Soluble Pen Stains



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### How to Remove Stains Other



# Classification of Products by Use

ol I n Re iquid owder -based and water-s					
Rainbow-RustSol       Rainbow-POG       Rainbow-Resin         Rainbow-Enzyme Liquid       .       .         Rainbow-Enzyme Powder       .       .         Rainbow-Safer: oil-based and water-soluble stains mixed       .       .         PangPang stain remover wipes       .       .		Stain remover (water-soluble)	Stain remover (oil-based)	Stain remover (special)	Pretreatment agent
Rainbow-Tannin       Rainbow-Pen       Rainbow-Resin         Rainbow-Enzyme Liquid       .       .         Rainbow-Enzyme Powder       .       .         Rainbow-Safer: oil-based and water-soluble stains mixed       .       .         PangPang stain remover wipes       .       .		Rainbow-RustSol	Rainbow-POG	Rainbow-Color	Presol-Conc
Rainbow-Protein Rainbow-Saponic .  Rainbow-Enzyme Liquid .  Rainbow-Enzyme Powder .  Rainbow-Safer: oil-based and water-soluble stains mixed .  PangPang stain remover wipes .		Rainbow-Tannin	Rainbow-Pen	Rainbow-Resin	Presol-Prewash
Rainbow-Enzyme Liquid . Rainbow-Enzyme Powder .Rainbow-Safer: oil-based and water-soluble stains mixed .PangPang stain remover wipes	Stain removal and	Rainbow-Protein	Rainbow-Saponic	-	Presol-Dry
and water-soluble stains mixed tain remover wipes	prededinent	Rainbow-Enzyme Liquid	-		
·		Rainbow-Enzyme Powder			-
		·Rainbow-Safer: oil-based and ·PangPang stain	d water-soluble stains mixed remover wipes		·

		Water washing dete	Water washing detergents and additives		Dry cle	Dry cleaning detergent and additive	dditive
	Certified as eco- friendly	Neutral detergent	Special Detergents Laundry detergents	Laundry detergents	Petroleum-based solvents	Perchloroethylene solvents	Additive
	Ecochip-Blue	Anywash-Neutral	Cleanrak-2-in-1	Cleanrak-Powerful	Drysurf – Petro	Drysurf-Perc	Soldoctor
Main	Ecochip-Klar	Anywash-Shine	Cleanrak-Shoes	Cleanrak-Saving	Drysurf – Petro+		
		Bluechip	Cleanrak-Outdoor	Cleanrak-POG	Drysurf – Hydro		
:		Bluechip-Coin	Cleanrak-Aqua	Cleanrak- Colorkeeper	-	-	
				-		-	
	Fabric softeners	ners Gloss-Softener	ener Softener mixed	xed Laundry starch (for starching)	h (for Neutralizer	Static prevention agent	Color restoring agent
Posttreatment	Wave-Freesia	isia HooEn-Slik	HooEn-Rin (Softening + Starching + Glossing)	n irching HooEn-Sizing ))	ng Cleanrak- Sour	Н	HooEn-Colorup
	Wave - Scent free	t free		HooEn-Starch	·ch .		
	Wave-Coin	.u		-	-		•

