



PERSONAL CARE MATERIALS



For personal care materials

GOO CHEMICAL's products for personal hair care materials are very safe in compliance with the Japanese Standard of Cosmetics Ingredients. They are highly valued and used at Japan and Asian countries (Korea, Taiwan, Thailand, China, etc.) for many years.

- PLASZIZE L-series (hair setting polymer for aerosol, hair conditioning polymer, hair liquid base polymer, color paste and base resin for aerosol)
- PARLON (hair liquid base oil, oily additive)
- GELASOL (oil gelatinizing agent, oily additive)



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1. Hair setting polymer

1.1. For Hairspray

Product Name	Active	Solvent	INCI Name	Specification
PLASCIZE L-1260	40%	Ethanol		For regular type
PLASCIZE L-8011C	55%	Ethanol		For hard type
PLASCIZE L-8066C	50%	Ethanol		For hard type
PLASCIZE L-8850	40%	Ethanol		Low odor than L-8011C
PLASCIZE LR-81	40%	Ethanol		For hard type
PLASCIZE L-53D	50%	Ethanol		For humidity proof type
PLASCIZE L-53P	50%	Ethanol		For humidity proof type
PLASCIZE L-9453B	40%	Ethanol		Low odor than L-53P
PLASCIZE L-9540B	40%	Ethanol		Low odor than L-53P
PLASCIZE L-3200B	20%	Ethanol/Water		Extra purified L-9540B
PLASCIZE L-9400	40%	Ethanol		For regular type with LPG
PLASCIZE L-9480B	40%	Ethanol		For hard type with LPG
PLASCIZE L-9850B	50%	Ethanol		For well wash out type with LPG
PLASCIZE L-9909B	40%	Ethanol		For well wash out type with LPG
PLASCIZE L-9290B	20%	Ethanol		Extra purified L-9909B
PLASCIZE L-9948B	40%	Ethanol		For well wash out type with LPG
PLASCIZE L-9700	40%	Ethanol		Smooth and natural feeling

* Ionic character : Anionic

* Chemical name : Acrylic resin alkanolamine solution

- * INCI Name :
 Aminoethylpropanediol-AMPD-Acrylates/Diacetoneacrylamide Copolymer
 AMP-Acrylates Copolymer
 AMP-Acrylates/Diacetoneacrylamide Copolymer
 AMPD-Acrylates/Diacetoneacrylamide Copolymer
 AMP-Acrylates/ C1-18Alkyl Acrylates/C1-8Alkyl Acrylamide Copolymer
 AMP-Acrylates/C1-18Alkyl Acrylates/C1-8Alkyl Acrylamide/Hydroxyethylacrylate
 Copolymer, Alcohol, Oleth-20 Phosphate, PPG-7-Buteth-10
- * IMDG : 3-2

1.2. For Hair-styling mousses

Product Name	Active	Solvent	Specification
PLASCIZE L-6010	40%	Ethanol	Hard and dry touch
PLASCIZE L-6330	30%	Ethanol/Water	Low odor thanL-6010
PLASCIZE L-6220G	20%	Ethanol/Water	Extra purified L-6330
PLASCIZE L-6466	40%	Ethanol/Water	For hard type and nonsticky
PLASCIZE L-6740B	40%	Ethanol	For soft type and nonsticky

- * Ionic character : Anionic
- * Chemical name : Acrylic resin alkanolamine solution
- * INCI Name : AMP-Acrylates/Diacetoneacrylamide Copolymer
- * IMDG : 3-2

1.3. Unneutralized acrylic resin

PLASCIZE L-53

Unneutralized acrylic resin of PLASCIZE L-53P

- * Active : 50%
- * Ionic character : Anionic
- * INCI Name : Acrylates/Diacetoneacrylamide Copolymer
- * IMDG : 3-2

2. **Acrylic oligomer**

PLASCIZE L-222

- * Application : Hair liquid base , Plasticizing agent
- * Active : 90%
- * Solvent : Ethanol
- * Ionic character : Nonionic
- * INCI Name : Hydroxyethyl/Methoxyethyl Acrylate Copolymer
- * IMDG : 3-2

PLASCIZEL-301

- * Application : Hair liquid base , Plasticizing agent
- * Specification : Lipophilicity than L-222
- * Active : 90%
- * Solvent : Ethanol
- * Ionic character : Nonionic

- * INCI Name : Hydroxyethyl/Methoxyethyl Acrylate/Butyl Acrylate Copolymer
- * IMDG : 3-2

3. Hair color materials for aerosol

3.1. Color paste base resin

Product Name	Active	Specification
PLASCIZE L-53DCA	50%	Friction resistance
PLASCIZE L-75CB	50%	Soft feeling with LPG

- * Ionic character : Anionic
- * Chemical name : Acrylic resin alkanolamine solution
- * INCI Name : AMP-Acrylates/Diacetoneacrylamide Copolymer
- * IMDG : 3-2

3.2. Color paste

- By PLASCIZE L-53DCA

Product Name	Resin	Carbon black	Pigment red 24	Pigment yellow 12	Pigment blue 15	Solid
PLASCIZEL-53 BLACK CA	44%	8.0%	-	-	-	30%
PLASCIZEL-53 RED A	42%	-	10.0%	-	-	31%
PLASCIZEL-53 YELLOW A	42%	-	-	10.0%	-	31%
PLASCIZEL-53 BLUE A	42%	-	-	-	10.0%	31%
PLASCIZEL-53 BROWN A	42%	1.0%	6.0%	3.0%	-	31%

PLASCIZEL -53 UMBER A	42%	1.0%	3.0%	6.0%	-	31%
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· By PLASCIZE L-75CB

Product Name	Resin	Carbon black	Pigment red 24	Pigment yellow 12	Pigment blue 15	Solid
PLASCIZEL -75 BLACK CA	44%	8.0%	-	-	-	30%
PLASCIZEL -75 RED A	42%	-	10.0%	-	-	31%
PLASCIZEL -75 YELLOW A	42%	-	-	10.0%	-	31%
PLASCIZEL -75-762 BLUE	42%	-	-	-	10.0%	31%
PLASCIZEL -75 BROWN A	42%	1.0%	6.0%	3.0%	-	31%
PLASCIZEL -75 UMBER A	42%	1.0%	3.0%	6.0%	-	31%

Carbon black : Channel type
Pigment red 24 : Brilliant fast scarlet (C.I. 12315)
Pigment yellow 12 : Benzidine yellow G (C.I. 21090)
Pigment blue 15 : Phthalocyanine blue (C.I. 74160)

4. Conditioning polymer

PLASCIZEL -401

* Application : For shampoo and conditioner
* Specification : Moisturizer for hair , Combing easy
* Active : 30%
* Ionic character : Amphoteric
* Solvent : Ethanol / Water

- * Chemical name : Polymethacryloylethyldimethylbetaine solution
- * INCI Name : Polyquaternium-50
- * IMDG : 3-2

PLASCIZE L-450

- * Application : For shampoo and conditioner , Hair styling polymer
- * Specification : Surface hair , Combing easy
- * Active : 40%
- * イオン性 : Amphoteric ・ Cationic
- * Solvent : Ethanol / Water
- * Chemical name :
Methacryloylethyldimethylbetaine,methacryloylethyltrimethylammonium,
hydroxyethylmethacrylate copolymer solution
- * INCI Name : Polyquaternium-48
- * IMDG : 3-3

5. Oily agent

PARLON

Product Name	Active	P.O. mol	M.W.	Acid value
PARLON EP-70	100%	21mol	about 1800	85
PARLON EP-77	100%	35mol	about 2900	60

- * Application : Hair liquid base , Oily additive for hair care
- * Specification : Good brilliance styling , Washing out easy

- * Chemical name : Polyoxypropylene butylether phosphate
- * INCI Name :
 PARLON EP-70 : PPG-21 Butyl Ether Phosphate
 PARLON EP-77 : PPG-35 Butyl Ether Phosphate
- * IMDG : None

GELASOL E -50

- * Specification : Oil gelatinizing agent , Oily additive for hair care
- * Active : 100%
- * E.O. mol : 21mol
- * M.W. : about 800
- * Acid value : 73
- * Chemical name : Polyoxyethylene oleylether phosphate
- * INCI Name : Oleth-20 Phosphate
- * IMDG : None

***** Applications and inquiries *****

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[Date of issue : September 29,2006]