



OUR PRODUCTS IN COSMETICS,  
PERSONAL CARE & HOUSEHOLD

## GUIDE FORMULATIONS SKIN CARE





# ADEKA – WHO WE ARE

**ADEKA** Corporation is a Japanese chemical company with more than a century of experience in the cosmetics and detergents market, having nowadays more than 12 offices, 4 R&D and 15 production sites worldwide.

**ADEKA** is a global company with polymer additives business organizations in Japan, Korea, Taiwan, Thailand, Singapore, China, India, USA and Europe. With global R&D centers, responsive sales and logistics organizations and a worldwide distribution network, ADEKA offers a broad portfolio of products to customers worldwide.

**ADEKA** has been present in the surfactants market in Europe for more than 20 years now. In 1999, ADEKA centralized their European sales activities in a new head office, ADEKA Europe GmbH, in Düsseldorf, Germany.

**ADEKA** has a dedicated Research & Development group equipped with latest technology and modern facilities for testing and evaluation of additives performances, which help to provide innovative solutions to the market.



# CLEAR GEL LOTION

The Clear Gel Lotion applies smoothly on the skin, leaves the skin moisturized and refreshed. Non-greasy moisturizer wakes you up and leaves your skin immediately replenished. It's formulated with water for a clean-feeling and refreshed skin, as a daily facial moisturizer. ADEKA NOL GT-730 offers an excellent transparency of the lotion and perfect thixotropic. The gellan gum improves smoothness and pullulan helps to scoop the lotion.

	INCI NAME	WT-%	FUNCTION	INGREDIENTS	SUPPLIER
A	PEG-60 HYDROGENATED CASTOR OIL	0.046	Solubilizer		Various
	RETINYL PALMITATE	0.004	Conditioning agent		Various
B	BUTYLENE GLYCOL	4.5	Humectant		Various
	GLYCERIN	7.5	Humectant		Various
C		qs	Preservative	Preservatives	Various
	WATER	to 100.0			
	<b>PEG-240/HDI COPOLYMER BIS-DECYLTETRADECETH-20 ETHER, BUTYLENE GLYCOL, WATER</b>	<b>5.1</b>	<b>Thickener</b>	<b>ADEKA NOL GT-730</b>	<b>ADEKA</b>
D	GELLAN GUM, BUTYLENE GLYCOL, WATER	10.0	Thickener	KELCOGEL® CG-LA 0.5% gel (*1)	CP Kelco
	PULLULAN , BUTYLENE GLYCOL, WATER	6.0	Slip Modifier	PULLULAN 3% gel (*2)	Hayashibara/ Nagase

(\*1) KELCOGEL® CG-LA 0.5% gel: CG-LA [0.5wt%], BUTYLENE GLYCOL [20wt%], WATER [79.5wt%]

(\*2) PULLULAN 3% gel: PULLULAN [3.0wt%], BUTYLENE GLYCOL [20wt%], WATER [77wt%]

## PROCEDURE

1. Warm A and mix well. Add B to A with mixing
2. Add I to C with mixing
3. Add D to II and stir by dispersing mixer at 5000rpm for 3 min. (at r.t.)



# SLEEPING MASK

The **Sleeping Mask** is an overnight leave-on mask that clarifies your skin as you sleep and restores lost moisture, giving your skin a well-rested, moisturized refreshed, lovely look in the morning. Using **ADEKA NOL GT-730** and enriched with Beta Glucan.

	INCI NAME	WT-%	FUNCTION	INGREDIENTS	SUPPLIER
A	WATER	to 100			
	<b>PEG-240/HDI COPOLYMER BIS-DECYLTETRADECETH-20 ETHER. BUTYLENE GLYCOL. WATER</b>	<b>2.5</b>	<b>Thickener</b>	<b>ADEKA NOL GT-730</b>	<b>ADEKA</b>
	GLYCERIN	4.0	Humectant	Various	Various
	<b>DIPROPYLENE GLYCOL</b>	<b>4.0</b>	<b>Humectant</b>	<b>DPG-RF</b>	<b>ADEKA</b>
B	SQUALANE	3.0	Moisturizer		Various
	HYDROGENATED PALM OIL	2.0	Skin Conditioning		Various
	CETEARYL ALCOHOL. CETEARYL GLUCOSIDE	2.0	Emulsifier/ Viscosity Modifier	MONTANOV 68	SEPPIC S.A.
	BEHENYL ALCOHOL	1.0	Viscosity Modifier		Various
	GLYCERYL STEARATE. PEG-100 STEARATE	1.0	Emulsifier		Various
	TOCOPHEROL	0.5	Conditioning agent		Various
C	DIMETHICONE [6cs]	3.0	Moisturizer		Various
	METHYL TRIMETHICONE	4.0	Moisturizer		Various
	DIMETHICONE	3.0	Moisturizer	PDMS 350-J	MOMENTIVE
D	<b>AUREOBASIDIUM PULLULANS FERMENT</b>	<b>10.0</b>	<b>Skin Conditioning</b>	<b>LUMINACARE BLQ-S-Beta Glucan</b>	<b>ADEKA</b>
E	PHENOXYETHANOL	0.5	Preservative		Various

## PROCEDURE

- Mix A by dispersing mixer at 60°C for 10 min.
- Mix B at 80°C
- Add A to B and homogenize for 5 min., cool to under 50°C while stirring
- Add C to AB and homogenize for 5 min.
- Add D and E to IV and homogenize for 5 min.
- Cool to 40°C while stirring



# FRESH & SILKY AFTER-SUN BODY JELLY

**Fresh & Silky After-Sun Body Lotion**, a gel that will moisturize and smooth your skin after exposure to sunlight. It contains a lime-blossom extract rich in flavonoids which protects cells from free radicals. Your skin will be protected and sublimated. You will be seduced by its sweetness obtained by innovative technology encapsulated silicone. Finally the shape memory is thanks to **ADEKA NOL GT-730**.

	INCI NAME	WT-%	FUNCTION	INGREDIENTS	SUPPLIER
A	AQUA	qs 100	/	Deionized water	/
	<b>BUTYLENE GLYCOL, PEG-240/HDI COPOLYMER BIS-DECYLTETRADECETH-20 ETHER, AQUA</b>	<b>7.0</b>	<b>Thickener</b>	<b>ADEKA NOL GT-730</b>	<b>ADEKA</b>
B	XANTHAN GUM	0.45	Suspending Agent	Safaxan 80	Safic Alcan
	GLYCERIN	2.0	Humectant	Glycerine 4810	Oleon
C	DIMETHICONE, AQUA, GLYCERIN, PENTYLENE GLYCOL, DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER, PHENOXYETHANOL, CARBOMER, AMODIMETHICONE, SODIUM HYDROXIDE, DISODIUM EDTA	10.0	Tacky Touch Reducing Agent	Caresil® CES-1104	Nusil
D	PENTYLENE GLYCOL	5.0	Solubilizer and Preservative Booster	Hydrolite® 5	Minasolve
	PARFUM	0.15	Perfume	Pineapple	Symrise
	HYDROLYZED JOJOBA ESTERS, AQUA	2.0	Moisturizing Emollient	Floraesters® K-20W	Floratech
	BENZYL ALCOHOL, DEHYDROACETIC ACID	0.9	Preservative	Sensicare® C 3000	Chemipol
E	AQUA, BUTYLENE GLYCOL, TILIA CORDATA EXTRACT	1.0	Anti-Aging Active	Flav'Age PrF	Safic Alcan
	CALCIUM SODIUM BOROSILICATE, TITANIUM DIOXIDE, IRON OXIDE	0.2	Effect Pigment	Clareium® 8012	Pritty
	C.I. 47005	0.18	Color	Jaune Quinoleine 70% E104 aqueous solution 1%	Symrise
	C.I. 16255	0.04	Color	Ponceau 4R 80% E124 aqueous solution 1%	Safic Alcan

by SAFIC ALCAN

## PROCEDURE

1. Stir for 15 minutes until homogeneous
2. Pre-mix then add it to phase A and stir for 15 minutes until homogeneous
3. Add to phase AB and stir until homogeneous
4. Stir until homogeneous then add it to phase ABC and homogenize
5. Pre-mix then add it to phase ABCD and homogenize
6. Adjust pH to 5.5-6.0

# SKIN CARE CREAM

The Skin Care Cream is a soothing facial moisturizer which hydrates your skin for long lasting effect. Dry skin is revitalized and radiance is restored. Thanks to the combination of **ADEKA NOL GT-730** and Pemulen, which improves the stability and adjusts the viscosity. **Carpol MD-100** neutralizes the formulation.

	INCI NAME	WT-%	FUNCTION	INGREDIENTS	SUPPLIER
A	POLYSORBATE 60	0.5	Emulsifier		Various
	TRIETHYLHEXANOIN	30.0	Moisturizer		Various
	DIPENTAERYTHRITYL HEXAHYDROXYSTEARATE/ HEXASTEARATE/HEXAROSINATE	2.0	Moisturizer		Various
	BUTYLENE GLYCOL	5.0	Humectant		Various
	GLYCERIN	5.0	Humectant		Various
B	<b>PEG-240/HDI COPOLYMER BIS-DECYLTETRADECETH-20 ETHER, BUTYLENE GLYCOL, WATER</b>	<b>2.0</b>	<b>Thickener</b>	<b>ADEKA NOL GT-730</b>	<b>ADEKA</b>
	ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER	0.05	Thickener	PEMULEN TR-1	Lubrizol
	WATER	to 100.0			
		qs	Preservatives		
C	<b>TETRAHYDROXYPROPYL ETHYLENEDIAMINE</b>	<b>0.1</b>	<b>Neutralizer</b>	<b>Carpol MD-100</b>	<b>ADEKA</b>

## PROCEDURE

1. Combine A and mix at 80°C
2. Combine B and stir at 80°C for 5 min.
3. Add I to II and homogenize for 5 min. (6000 rpm)
4. Add C to III and homogenize for 5 min. (6000 rpm)
5. Cool to 40°C while stirring



# GEL SERUM

The Gel Serum all-in-one gel cream is highly moisturizing your skin. It is formulated with ADEKA NOL GT-730 reversing signs of dryness right where they begin to form and enhance water retention for improved skin health with renewed vitality.

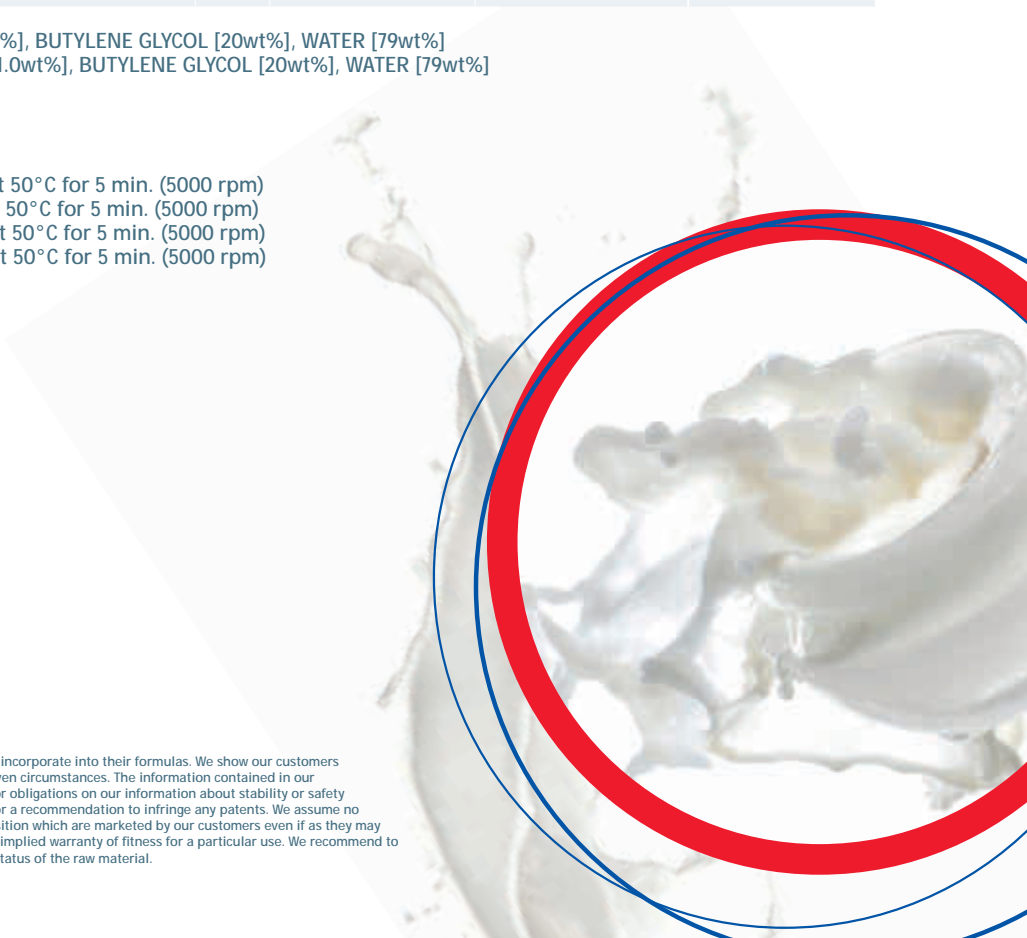
	INCI NAME	WT-%	FUNCTION	INGREDIENTS	SUPPLIER
A	BUTYLENE GLYCOL	6.6	Humectant		Various
	GLYCERIN	5.0	Humectant		Various
	<b>DIPROPYLENE GLYCOL</b>	<b>3.0</b>	<b>Humectant</b>	<b>DPG-RF</b>	<b>ADEKA</b>
	SODIUM CHLORIDE	0.5	Viscosity Modifier		Various
	POTASSIUM HYDROXIDE	0.1	pH Awdjuster		Various
	WATER	to 100.0			Various
B	<b>PEG-240/HDI COPOLYMER BIS-DECYLTETRADECETH-20 ETHER, BUTYLENE GLYCOL, WATER</b>	<b>3.1</b>	<b>Thickener</b>	<b>ADEKA NOL GT-730</b>	<b>ADEKA</b>
	GELLAN GUM, BUTYLENE GLYCOL, WATER	30.0	Thickener	KELCOGEL® CG-HA 1%gel (*3)	CP Kelco
	ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER, BUTYLENE GLYCOL, WATER	20.0	Emulsion Stabilizer	PEMULEN TR-2 1%gel (*4)	Lubrizol
C	DIMETHICONE [6cs]	3.0	Moisturizer		Various
	PHYTOSTERYL/OCTYLDODECYL LAUROYL GLUTAMATE	0.2	Emollient	Eldew® PS203	Ajinomoto
D	SILICA	1.0	Slip Modifier		Various

(\*3) KELCOGEL® CG-HA 1%gel: CG-HA [1.0wt%], BUTYLENE GLYCOL [20wt%], WATER [79wt%]

(\*4) PEMULEN TR-2 1%gel: PEMULEN TR-2 [1.0wt%], BUTYLENE GLYCOL [20wt%], WATER [79wt%]

## PROCEDURE

1. Combine A and mix at 50°C
2. Combine B and stir by dispersing mix at 50°C for 5 min. (5000 rpm)
3. Add C to II and stir by dispersing mix at 50°C for 5 min. (5000 rpm)
4. Add A to III and stir by dispersing mix at 50°C for 5 min. (5000 rpm)
5. Add D to IV and stir by dispersing mix at 50°C for 5 min. (5000 rpm)
6. Cool down at 35°C while stirring



# EYE CONTOUR

With a light and pleasant texture, this **Eye Contour** is easily spread and absorbed without leaving any residue or greasy feeling on your skin. It provides a feeling of hydration, freshness and comfort. This eye care helps to repair visible signs of ageing and fatigue in the eye area. It smoothes wrinkles and fine lines, and lifts and firms the eye contour. Formulated with **ADEKA NOL GT-730**.

	INCI NAME	WT-%	FUNCTION	INGREDIENTS	SUPPLIER
A	METHYL GLUCETH-10	5.0	Humectant	Glucam E-10	Lucas Meyer
	AQUA	Qsp	Solvent	H O	
	TRISODIUM ETHYLENEDIAMINE DISUCCINATE	0.1	Chelating	Natrlquest E30	Innospec
	ACRYLATES/ETHYLHEXYL ACRYLATE COPOLYMER (AND) SODIUM POLYACRYLATE	2.0	Feeling Agent	Makibeads Aqua	Daito
	ESCIN	0.25	Anti Inflammatory	Escin	Indena
	GLYCERIN	2.5	Emollient	Glycerin	AMI
	SODIUM ACRYLATES COPOLYMER (AND) LECITHIN	1.0	Emollient	Lecigel	Lucas Meyer
B	TITANIUM DIOXIDE (AND) SILICA (AND) ALUMINUM HYDROXIDE	2.55	Pigment	SIH 5 TIO R250	Daito
	IRON OXIDES (C.I. 77492) (AND) SILICA	0.385	Pigment	SIH 5 Yellow 602P	Daito
	IRON OXIDES (C.I. 77491) (AND) SILICA	0.133	Pigment	SIH 5 Red 211P	Daito
	IRON OXIDES (C.I. 77499) (AND) SILICA	0.068	Pigment	SIH 5 Black 720	Daito
C	<b>PENTYLENE GLYCOL (AND) ETHYLHEXYLGLYCERIN (AND) GLYCERYL UNDECYLENATE (AND) COCAMIDOPROPYL PG-DIMONIUM CHLORIDE PHOSPHATE</b>	<b>1.0</b>	<b>Anti-Microbial System</b>	<b>Inebact 1080</b>	<b>Linia/ADEKA</b>
	C13-15 ALKANE	2.5	Emollient	Hemisqualane	Néossance/Amyris
	ISONONYL ISONONANOATE	2.0	Emollient	Isononyl isononanoate	Stéarineie Dubois
	DIPROPYLENE GLYCOL	1.5	Solvent	DGP	Masso
	SODIUM HYDROXIDE	0.15	Buffering	Naoh 30%	
	SODIUM STEAROYL GLUTAMATE	0.25	Emulsifier	Eumulgin SG	BASF
	WATER (AND) BUTYLENE GLYCOL (AND) ACETYL TETRAPEPTIDE-5	3.0	Peptide	Eye seryl	Lipotec
D	GERANIUM ROBERTIANUM EXTRACT	2.0	Vegetable extract	Princess care	Ichimaru Pharcos
	<b>PEG-240/HDI COPOLYMER BIS-DECYLTETRADECETH-20 ETHER (AND) BUTYLENE GLYCOL (AND) WATER (AND) POTASSIUM LAURATE (AND) TOCOPHEROL</b>	<b>2.0</b>	<b>Gel Forming</b>	<b>ADEKA NOL GT-730</b>	<b>ADEKA</b>
E	FRAGRANCE	0.2	Parfum	Parfum bulle de coton ref 1634010	Expressions parfumées
pH/5.5/6.0 5.84					

## PROCEDURE

1. Prepare phase A while stirring for 20 min. at 50°C
2. Add one by one the pigments under strong stirring until homogenous
3. Add phase C
4. Add phase D
5. Parfum and adjust the pH





# FACIAL SUNSCREEN CREAM

The ultra-light texture of the **Facial Sunscreen Cream** is developed for a comfortable application and a non-greasy finish. It is absorbed quickly and does not clog pores. The moisturizing formula helps prevent signs of skin aging and can be used every day. The cream is formulated with **ADEKA NOL GT-730** and the new preservative boosters **CHG & NHG**.

	INCI NAME	WT-%	FUNCTION	INGREDIENTS	SUPPLIER
	WATER	to 100			
	BUTYLENE GLYCOL	8.0	Humectant		Various
A	<b>PEG-240/HDI COPOLYMER BIS-DECYLTRADECETH-20 ETHER, BUTYLENE GLYCOL, WATER</b>	<b>3.5</b>	<b>Thickener</b>	<b>ADEKA NOL GT-730</b>	<b>ADEKA</b>
	XANTHAN GUM	0.1	Thickener		Various
	HYDROXYPROPYL METHYLCELLULOSE	0.1	Thickener		Various
	<b>HEXYLGLYCERIN</b>	<b>0.5</b>	<b>Preservative booster</b>	<b>ADEKA NOL NHG</b>	<b>ADEKA</b>
	<b>CYCLOHEXYLGLYCERIN</b>	<b>2.0</b>	<b>Preservative booster, Humectant</b>	<b>ADEKA NOL CHG</b>	<b>ADEKA</b>
	POLYSORBATE 60	0.15	Emulsifier		Various
	SORBITAN SESQUIOLEATE	1.0	Emulsifier		Various
	BIS-ETHYLHEXYLOXYPHENOL METHOXYPHENYL TRIAZINE	1.0	UV-A absorber		Various
B	DIETHYLAMINO HYDROXYBENZOYL HEXYL BENZOATE	5.0	UV-A absorber		Various
	ETHYLHEXYL METHOXYCINNAMATE	9.0	UV-B absorber		Various
	CYCLOPENTASILOXANE	5.0	Moisturizer		Various
	HYDROGENATED POLYISOBUTENE	6.0	Moisturizer	PARLEAM® 4	NOF

\* formulated without Barium Sulfate, Titanium Dioxide, Silica, Iron Oxides, D5

## PROCEDURE

1. Separately mix A and B at 80°C
2. Add B to A and homogenize for 5 min.
3. Cool down at 40°C while stirring



# FACIAL SUNSCREEN CREAM SPF-45

The **Facial sunscreen SPF-45** formulated specifically for the face, provides superior high-level SPF coverage for intense sun exposure. Its ultra-light texture is developed for a comfortable application and a non-greasy finish. It is absorbed quickly and does not clog pores. This moisturizing formula helps prevent signs of skin aging and can be used every day. The cream is formulated with **ADEKA NOL GT-730** and the **new preservative boosters CHG & NHG**.

	INCI NAME	WT-%	FUNCTION	INGREDIENTS	SUPPLIER
A	WATER	to 100			
	BUTYLENE GLYCOL	8.0	Humectant		Various
	<b>PEG-240/HDI COPOLYMER BIS-DECYLTETRADECETH-20 ETHER, BUTYLENE GLYCOL, WATER</b>	<b>3.5</b>	<b>Thickener</b>	<b>ADEKA NOL GT-730</b>	<b>ADEKA</b>
	XANTHAN GUM	0.1	Thickener		Various
	HYDROXYPROPYL METHYLCELLULOSE	0.1	Thickener		Various
	<b>HEXYL GLYCERIN</b>	<b>0.5</b>	<b>Preservation booster</b>	<b>ADEKA NOL NHG</b>	<b>ADEKA</b>
	<b>CYCLOHEXYL GLYCERIN</b>	<b>2.0</b>	<b>Preservation booster, Humectant</b>	<b>ADEKA NOL CHG</b>	<b>ADEKA</b>
	POLYSORBATE 60	0.15	Emulsifier		Various
	SORBITAN SESQUIOLEATE	1.0	Emulsifier		Various
	BIS-ETHYLHEXYLOXYPHENOL METHOXYPHENYL TRIAZINE	1.0	UV-A absorber		Various
B	DIETHYLAMINO HYDROXYBENZOYL HEXYL BENZOATE	5.0	UV-A absorber		Various
	ETHYLHEXYL METHOXYCINNAMATE	9.0	UV-B absorber		Various
	CYCLOPENTASILOXANE	5.0	Moisturizer		Various
	HYDROGENATED POLYISOBUTENE	6.0	Moisturizer	PARLEAM® 4	NOF
	DIMETHICONE [10cs]	0.5	Moisturizer		Various
	BARIUM SULFATE, MAGNESIUM MYRISTATE	2.0	Pigment		Various
	TITANIUM DIOXIDE, HYDRATED SILICA, HYDROGEN DIMETHICONE	4.0	UV-B filter	STR-100W-LP	SAKAI CHEMICAL INDUSTRY
	IRON OXIDES, DIMETHICONE	0.02	Pigment	SA-RPS-10	MIYOSHI KASEI

## PROCEDURE

1. Separately mix A and B at 80°C
2. Add B to A and homogenize for 5 min.
3. Cool down at 40°C while stirring





OUR PRODUCTS IN COSMETICS,  
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## GUIDE FORMULATIONS MAKE UP



# O/W GEL FOUNDATION

The Gel Foundation developed with ADEKA NOL GT-930 is a liquid foundation designed to make the face appear slimmer. Instantly lifts and firms the skin for a more youthful effect. The texture is fresh and hydrating, with a beautiful and longlasting effect.

	INCI NAME	WT %	FUNCTION	INGREDIENTS	SUPPLIER
A	DIMETHICONE	2.0	Emollient	KF-96 6cs	Shin-Etsu
	DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER and DIMETHICONE	3.0	Viscosity controlling	KSG-16	Shin-Etsu
	ISOTRIDECYL ISONONANATE	3.0	Emollient	Salacos 913	The Nisshin Oillio
	HYDROGENATED POLYISOBUTENE	4.0	Emollient	Nomcort HP-30	The Nisshin Oillio
	TRIMETHYLSILOXYSILICATE and CYCLOPENTASILOXANE	2.0	Film Former	KF-7312J	Shin-Etsu
	HYDROGENATED LECITINE	0.5	Emollient	Basis LP-20H	The Nisshin Oillio
	PEG/PPG/POLYBUTYLENEGLYCOL-8/5/3GLYCERIN	3.0	Solvent	Wilbright S-753	NOF
	POLYURETHANE-59, BUTYLENE GLYCOL and WATER	3.1	Thickener	ADEKA NOL GT-930	ADEKA
B	ISOSTEARIC ACID	0.3	Dispersability agent	Isostearic Acid EX	KOKYU ALCOHOL
	QUATERNIUM-18 BENTONITE	0.45	Dispersability agent	S Ben W	HOJUN
	CYCLOPENTASILOXANE	2.3	Base	KF-995	Shin-Etsu
	ETHANOL	0.25	Solvent	Ethanol	
C	TALC and HYDROGENDIMETHICONE	6.75	Base	Talc DN-SH	Dainihonkasei
	TITANIUM DIOXIDE, ALUMINUM HYDROXIDE and HYDROGENDIMETHICONE	3.0	Colorant	Titan DN-SH(2)	Dainihonkasei
	TITANIUM DIOXIDE. ALUMINUM HYDROXIDE and STEARIC ACID	3.0	Colorant	ST-705SA	Titan
	IRON OXIDE and HYDROGENDIMETHICONE	1.0	Colorant	SI01-2 Talox LL-100P	Daito Kasei
	IRON OXIDE and HYDROGENDIMETHICONE	0.15	Colorant	SI01-2 Talox R-516L	Daito Kasei
	IRON OXIDE and HYDROGENDIMETHICONE	0.1	Colorant	SI01-2 Talox BL-100P	Daito Kasei
D	SILICA and HYDROGENDIMETHICONE	3.0	Texture improvement	Sunsphere NP-30(1.5)	Dainihonkasei
	WATER	49.05	Base	Purified Water	
	PENTYLENE GLYCOL	1.5	Solvent	HYDROLIGHT 5	Symrise
	GLYCERIN	3.0	Solvent	Cosmetic grade Glycerin	Kao
	PHENOXYETHANOL	0.45	Preservative	PHENOXYETHANOL S	Yokkaichi
	EDTA-2Na	0.5	Chelating agent	EDTA-2Na	
	XANTHAN GUM. PHENOXYETHANOL and WATER	4.0	Thickener	Echo-gum1.5% disp.	DSP
	AGAR	0.15	Thickener	ULTRA AGER CS-303	Ina
E	ACRYLATE COPOLYMER and WATER	0.25	Thickener	CARABOPOL AQUA SF-1	Lubrizol
	SODIUM HYDROXISIDE and WATER	0.2	Neutralizer	Sodium Hydroxide 5%soln.	

BY IWASE COSFA

## PROCEDURE

1. Weigh all ingredients for phase A and put into a main vessel, then dissolve at 70-80°C while mixing
2. Weight all ingredients for phase B and disperse until uniform
3. Weight all ingredients for phase C and pulverize
4. Weigh all ingredients for phase D and dissolve at 70-80°C while mixing
5. Add phase B+C into phase A then disperse
6. Slowly add phase D into phase A+B+C, then operate the homogenizer (emulsification)
7. Cool the batch to 40°C and operate the homogenizer again
8. Add phase E into phase A+B+C+D then mix until uniform
9. Cool the batch to room temperature and fill the bulk into a suitable package

# MIRACLE SKIN PERFECTOR BB CREAM

The benefits of skincare and makeup come together in this multitasking BB Cream. This lightweight, gel formula banishes blemishes, the pigments are specifically designed to combat the signs of aging to give five skin-perfecting benefits: reduces the look of wrinkles, firms skin, evens skin tone, deeply hydrates, and helps prevent sunburn. Formulated with ADEKA NOL GT-730 & Mevalonactone.

	INCI NAME	WT %	FUNCTION	INGREDIENTS	SUPPLIER
	AQUA	Qsp	Solvent	H O	
A	ACRYLATES/ETHYLHEXYL ACRYLATE CROSSPOLYMER (AND) SODIUM POLYACRYLATE	1.5	Feeling Agent	Maquibead Aqua	Daito
	TRISODIUM ETHYLENEDIAMINE DISUCCINATE	0.1	Chelating	Natrlquest E30	Inospec
	GLYCERIN	3.0	Emollient	Glycerine	AMI
	PEG-240/HDI COPOLYMER BIS-DECYLTETRADECETH-20 ETHER (AND) BUTYLENE GLYCOL (AND) WATER (AND) POTASSIUM LAURATE (AND) TOCOPHEROL	3.0	Gel forming	ADEKA NOL GT-730	ADEKA
B	HYDROGENATED LECITHIN (AND) C12-16 ALCOHOLS (AND) PALMITIC ACID	4.0	Emulsifying	Biophilic H	Lucas Meyer
C	PENTYLENE GLYCOL (AND) ETHYLHEXYLGLYCERIN (AND) GLYCERYL UNDECYLENATE (AND) COCAMIDOPROPYL PG-DIMONIUM CHLORIDE PHOSPHATE	1.0	Anti-Microbial System	Inebact 1080	Linia/ADEKA
	DICAPRYLYL CARBONATE	2.0		Cetiol CC	BASF
	DIPROPYLENE GLYCOL	2.0	Solvent	DPG	ADEKA
	BUTYROSPERMUM PARKII (SHEA) BUTTER	2.0	Emollient	Lipex Shea	AAK
	DIHEPTYL SUCCINATE (AND) CAPRYLOYL GLYCERIN/ SEBACIC ACID COPOLYMER	2.0	Emollient	Lexfeel N100	Inolex
	BUTYL METHOXYDIBENZOYLMETHANE	3.0	Sun filter	Parsol 1789	DSM
	OCTOCRYLENE	6.0	Sun filter	Parsol 340	DSM
	ETHYLHEXYL SALICYLATE	5.0	Sun filter	Parsol EHS	DSM
	TOCOPHEROL	0.1	Vitamine	Bioxan T70	DSM
	POTASSIUM CETYL PHOSPHATE	0.83	Emulsifying	Amphisol K	DSM
D	TITANIUM DIOXIDE (AND) SILICA (AND) ALUMINUM HYDROXIDE	2.55	Pigment	SIH 5 TIO R250	Daito
	IRON OXIDES (C.I. 77492) (AND) SILICA	0.385	Pigment	SIH 5 Yellow 602P	Daito
	IRON OXIDES (C.I. 77491) (AND) SILICA	0.113	Pigment	SIH 5 Red 211P	Daito
	IRON OXIDES (C.I. 77499) (AND) SILICA	0.068	Pigment	SIH 5 Black 720	Daito
E	SACCHARIDE ISOMERATE (AND) AQUA (AND) CITRIC ACID (AND) SODIUM CITRATE	1.0	Moisturizing	Pentavitin	DSM
	MEVALONONACTONE	0.01	Anti aging	ADEKA Luminacare MVL	ADEKA
F	LAUROYL LYSINE (AND) MICA	1.0	Glitter	Mica MD/LL	Hock Chemie
	TAPIOCA STARCH (AND) POLYMETHYLSILSESQUIOXANE	1.0	Emollient	Dryflo TS	Akzo Nobel
	PARFUM	0.33	Parfum	Parfum bulle de coton ref 1634010	Expressions parfumées

PH: 5.95

## PROCEDURE

1. Disperse GT-730 in water under strong agitation. Add Glycerine and Natrlquest, then disperse Maquibead Aqua
2. When the gel is fully dispersed, add phase B and keep it at 70-75°C
3. Prepare phase D. Add phase AB and keep stirring until the mixture gets homogenous
4. Prepare phase C. Heat it up at 75-80°C
5. Poor phase C and keep stirring for 5 min.
6. Homogenize using a rotor-stator, 3 min. at 3000 rpm
7. Cool down to room temperature under gentle stirring, then add phases EF

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# CANDY BLUSH

Candy Blush is applied onto cheeks for a rosy tone with a smoothing and refreshing finish. Formulated with ADEKA NOL GT-730, it is comfortable and lightweight, allowing even color.

	INCI NAME	WT %	FUNCTION	INGREDIENTS	SUPPLIER
A	WATER	to 100			
	PEG-240/HDI COPOLYMER BIS-DECYLTRADECETH-20 ETHER, BUTYLENE GLYCOL, WATER	10.0	Thickener	ADEKA NOL GT-730	ADEKA
	GLYCERIN	3.0	Humectant		Various
B	PHENOXYETHANOL	0.5	Preservative		Various
	ETHYLHEXYLGLYCERIN	0.5	Humectant	ADEKA NOL GE-RF	ADEKA
C	WATER	15.0			
	CI 15851 ( RED 6 )	0.15	Colorant		Various
D	BARIUM SULFATE	2.0	Opacifying Agent		Various
	SILICA	8.0	Opacifying Agent		Various
E	CITRIC ACID	qs	pH Adjuster		Various

## PROCEDURE

1. Combine A and stir by dispersing mixer at 60°C for 10 min.
2. Add B to I and stir by dispersing mixer at 60°C for 5 min.
3. Mix C and add to II and stir by dispersing mixer at 60°C for 5 min.
4. Add D to III and homogenize for 5 min.
5. Adjust the pH at 7 with a citric acid solution at 10%



# GEL MAKE UP BASE

A newly moisture release satin Make-Up Base with SPF 18 that allows your skin to breathe freely, while providing full coverage. Hides minor imperfections and mattes out excessive oil for a fresh look. Thanks to ADEKA NOL GT-730 the cream gives a smooth feeling on the skin.

	INCI NAME	WT %	FUNCTION	INGREDIENTS	SUPPLIER
A	WATER	to 100			
	BUTYLENE GLYCOL	8.0	Humectant		Various
	GLYCERIN	2.0	Humectant		Various
	PEG-240/HDI COPOLYMER BIS-DECYLTETRADECETH-20 ETHER, BUTYLENE GLYCOL, WATER	3.0	Thickener	ADEKA NOL GT-730	ADEKA
	XANTHAN GUM	0.05	Thickener		Various
	HYDROXYPROPYL METHYLCELLULOSE	0.05	Thickener		Various
B	POLYSORBATE 60	1.5	Emulsifier		Various
	SORBITAN SESQUIOLEATE	1.0	Emulsifier		Various
	ETHYLHEXYL METHOXYCINNAMATE	5.0	UV-B absorber		Various
	CYCLOPENTASILOXANE	4.0	Moisturizer		Various
	TRIETHYLHEXANOIN	3.0	Moisturizer		Various
	HYDROGENATED POLYISOBUTENE	10.0	Moisturizer	PARLEAM® 4	NOF
	DIMETHICONE [10cs]	0.5	Moisturizer		Various
	ISONONYL ISONONANOATE	2.0	Moisturizer		Various
	DIISOSTEARYL MALATE	0.25	Moisturizer		Various
	TITANIUM DIOXIDE, HYDRATED SILICA, HYDROGEN DIMETHICONE	0.5	Pigment	STR-100W-LP	SAKAI CHEMICAL INDUSTRY
	TITANIUM DIOXIDE, HYDROGEN DIMETHICONE	6.0	Pigment	MKR-1S	SAKAI CHEMICAL INDUSTRY
IRON OXIDES, DIMETHICONE	0.2	Pigment	SA-RPS-10	MIYOSHI KASEI	
IRON OXIDES, DIMETHICONE	0.5	Pigment	SA-YP-10	MIYOSHI KASEI	
IRON OXIDES, DIMETHICONE	0.05	Pigment	SA-BP-10	MIYOSHI KASEI	
C		qs		Preservatives	

## PROCEDURE

1. Separately mix A and B at 80°C
2. Add B to A and homogenize for 5 min.
3. Add C to II and cool to 40°C while stirring. Adjust pH to 5.5-6.0



# MAKE UP REMOVER

This gentle Make-Up Remover soothes as it cleanses, leaving the skin calm and comforted. Easily removes make-up without any residue but leaves hydrated, nourished skin to restore the complexion and softens the skin before the next make-up application. Formulated with ADEKA NOL GT-930.

	INCI NAME	WT %	FUNCTION	INGREDIENTS	SUPPLIER
A	MINERAL OIL	50.0	Cleansing		Various
	ISONONYL ISONONANOATE	10.0	Cleansing/ Moisturizer	KAK 99	KOKYU ALCOHOL
	PEG/PPG-60/11 GLYCERIN	2.0	Cleansing/ Moisturizer	ADEKA NOL M-3228	ADEKA
	POLYSORBATE 60	3.0	Emulsifier		Various
	SORBITAN SESQUIOLEATE	3.5	Emulsifier		Various
B	POLYURETHANE-59, BUTYLENE GLYCOL , Water	1.5	Thickener	ADEKA NOL GT-930	ADEKA
	GLYCERIN	5.0	Humectant		Various
	Water	to 100			
		qs	Preservative	Preservatives	Various

## PROCEDURE

1. Separately mix A and B at 80°C .
2. Add A to B and homogenize for 5 min. (6000 rpm).
3. Cool to 40°C while stirring.



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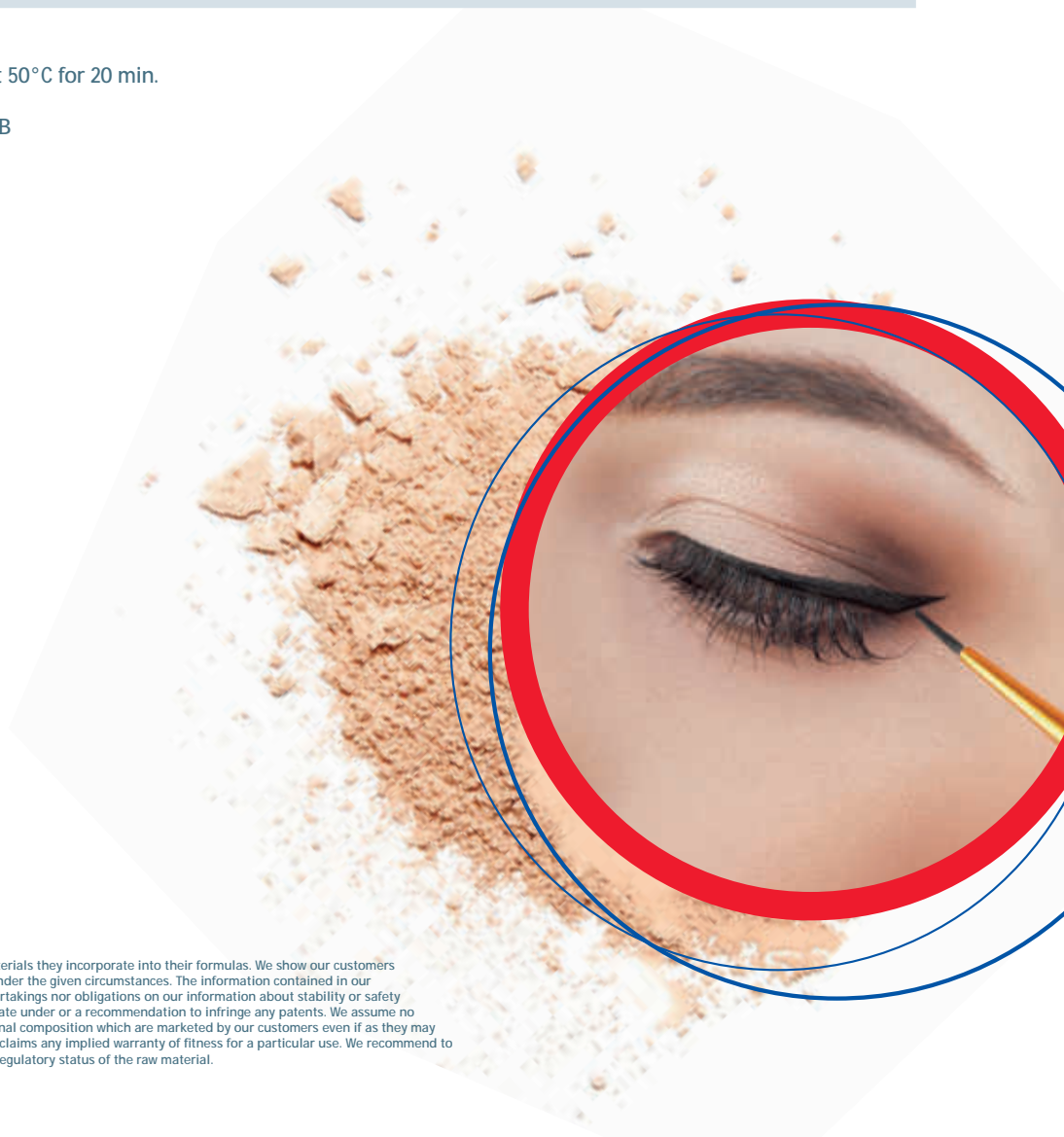
# EYELINER

This Eyeliner is high-performance waterproof formula provides an infallible result for 24 hours and resists heat and humidity. Designed with ADEKA NOL GT-730.

	INCI NAME	WT %	FUNCTION	INGREDIENTS	SUPPLIER
A	AQUA	35.75	Solvent	H O	
	DIPROPYLENE GLYCOL	1.4	Emollient	Dipropylene Glycol	ADEKA
	PEG-240/HDI COPOLYMER BIS-DECYLTETRADECETH-20 ETHER (AND) BUTYLENE GLYCOL (AND) WATER (AND) POTASSIUM LAURATE (AND) TOCOPHEROL	1.85	Gel forming	ADEKA NOL GT-730	ADEKA
	PENTYLENE GLYCOL (AND) ETHYLHEXYLGLYCERIN (AND) GLYCERYL UNDECYLENATE (AND) COCAMIDOPROPYL PG-DIMONIUM CHLORIDE PHOSPHATE	1.0	Anti-Microbial System	Inebact 1080	Linia/ADEKA
B	AQUA, CHARCOAL POWDER, POLYGLYCERYL-10 STEARATE, POLYGLYCERYL-10 MYRISTATE, POLYGLYCERIN-10, SODIUM DEHYDROACETATE, CITRIC ACID	30.0	Absorbant	WD VCB25	Daito
C	ACRYLATES COPOLYMER (AND) POLYURETHANE-1	30.0	Polymer	Daitosol U9-40	Daito
ph: 7.0/8.0 7.85					

## PROCEDURE

1. Prepare phase A under stirring at 50°C for 20 min.
2. Mix phase A and B
3. At 30°C put phase C into phase AB





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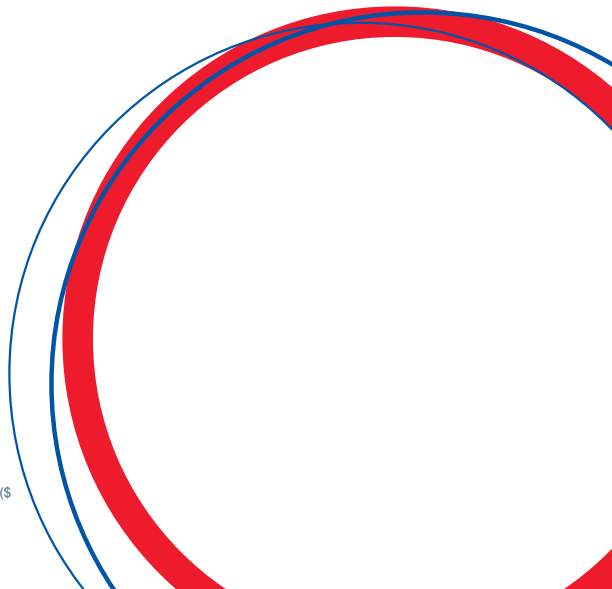
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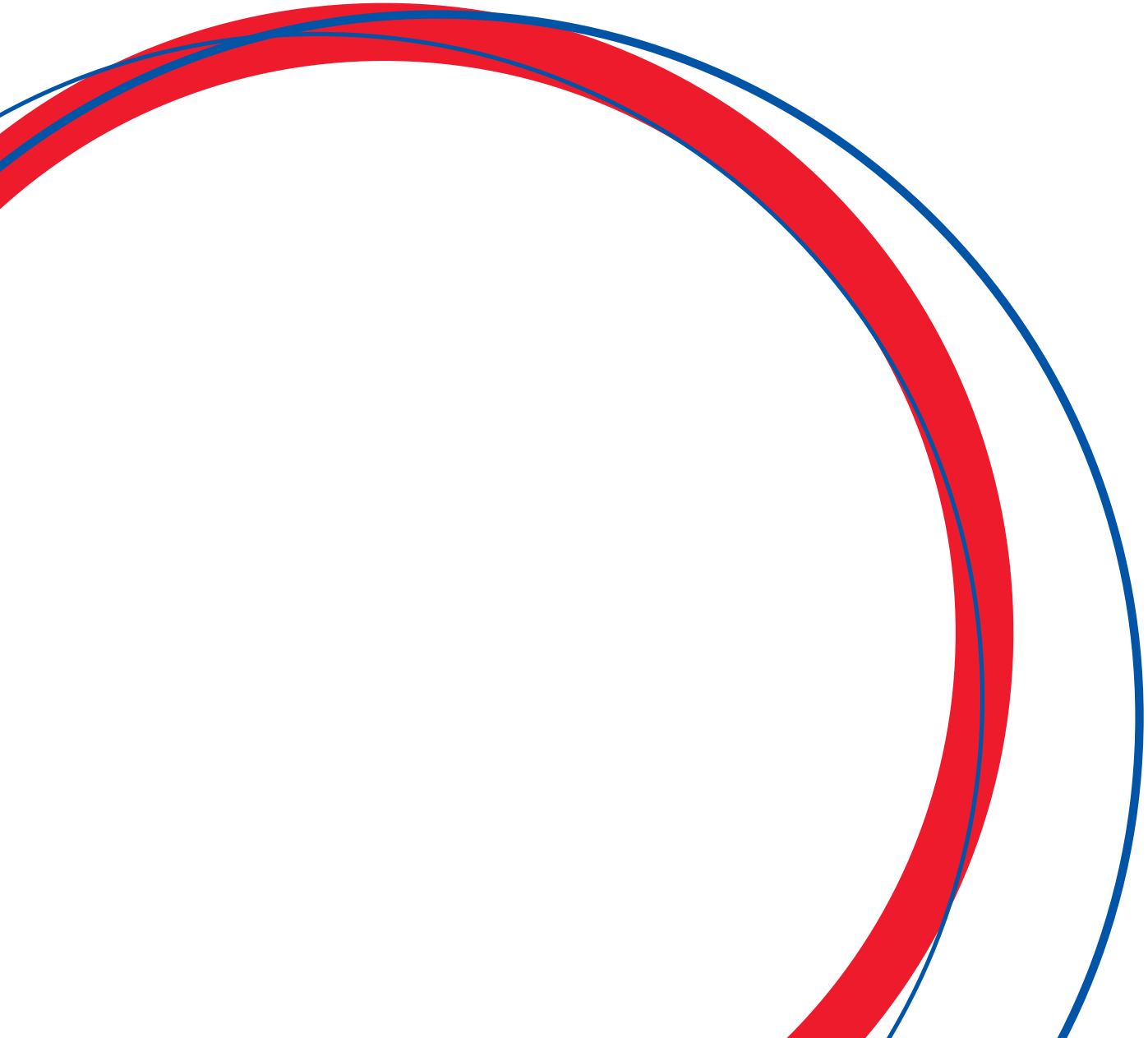






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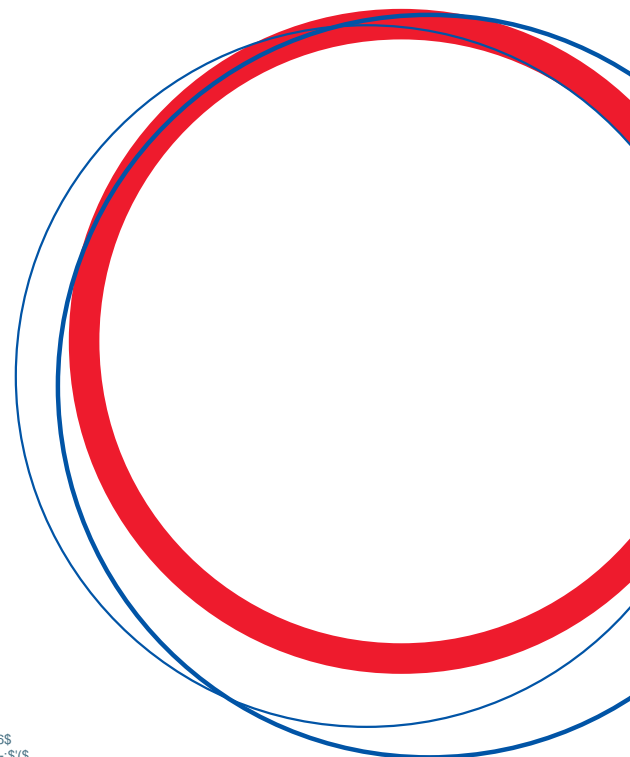


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