
Surfactants

Products List



Surfactants

Product List

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1 Classification by Structure

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2 Nonionic Surfactants

EO · PO block polymer type

● ADEKA NOL L · P · F series

Product	Composition	Appearance	Clouding Point °C	Characteristics · Applications	Packing
L-23	Polyoxyethylene -polyoxypropylene block copolymer $\text{HO}(\text{C}_2\text{H}_4\text{O})_a-(\text{C}_3\text{H}_6\text{O})_b-(\text{C}_2\text{H}_4\text{O})_c\text{H}$	Transparent liquid or semi transparent	—	<ul style="list-style-type: none"> • Low toxicity • Higher molecular weight • Low foaming • Excellent emulsifying, dispersing and solubility • Excellent lubricity • For detergents • For toiletries • For miscellaneous industrial applications 	18kg can 200kg drum
L-31			39		
L-44			70		
L-61			24		
L-62			32		
L-64			58		
L-71			13		
L-72			22		
L-101			15		
L-121			14		
P-84			White paste		
P-85		75			
P-103		67			
F-68		White flake	>100		
F-88					
F-108					

● ADEKA NOL R series (Reverse type)

Product	Composition	Appearance	Characteristics · Applications	Packing
25R-1	Polyoxyethylene -polyoxypropylene block polymer Reverse type $\text{HO}(\text{C}_3\text{H}_6\text{O})_a-(\text{C}_2\text{H}_4\text{O})_b-(\text{C}_3\text{H}_6\text{O})_c\text{H}$	Transparent liquid	<ul style="list-style-type: none"> • Low toxicity • Low foaming • Excellent dispersion • Excellent lubrication • For detergents • For toiletries • For miscellaneous industrial applications 	18kg can 200kg drum
25R-2				
17R-2				
17R-3				
17R-4				

● ADEKA NOL TR series (Ethylene diamine type)

Product	Composition	Appearance	Clouding Point °C	Characteristics · Applications	Packing
TR-701	Polyoxyethylene -polyoxypropylene block polymer (Ethylene diamine)	Slight yellowish transparent liquid	18	<ul style="list-style-type: none"> • Highly stable to Acid, Alkaline, Peroxide metal ions etc. • Low foaming • Excellent emulsification, solubilization, detergency and dispersion • Excellent lubrication and anticorrosive performance • For detergents • For toiletries • For miscellaneous industrial applications 	18kg can 200kg drum
TR-702	$\text{H}-(\text{OH}_4\text{C}_2)_y-(\text{OH}_6\text{C}_3)_x$		20		
TR-704	$\text{H}-(\text{OH}_4\text{C}_2)_y-(\text{OH}_6\text{C}_3)_x$		68		
TR-913R	Reverse type $\text{H}-(\text{OH}_6\text{C}_3)_y-(\text{OH}_4\text{C}_2)_x$		30		

Alkyl ether type nonionic surfactants

● ADEKA TOL LB series (Natural alcohol type)

Product	Composition	Appearance	Clouding Point °C	HLB	Characteristics · Applications	Packing
LB-53B	Lauryl alcohol based RO(AO) _m H	Transparent liquid	38	—	<ul style="list-style-type: none"> • Excellent detergency • Excellent fluidity at low temperature • Applicable high concentration • For detergents • For toiletries • For miscellaneous industrial applications 	16kg can 17kg can 18kg can 180kg drum 190kg drum 200kg drum
LB-720			52	—		
LB-83			54	—		
LB-54C			38	—		
LB-820			56	—		
LB-93			58	—		
LB-103			60	—		
LB-1220			75	—		
LB-1520			77	—		

● ADEKA TOL LA · OA series (Natural alcohol type)

Product	Composition	Appearance	Clouding Point °C	HLB	Characteristics · Applications	Packing
LA-775	Lauryl alcohol based C ₁₂ H ₂₅ O(CH ₂ CH ₂ O) _n H	Transparent liquid	57	12.3	<ul style="list-style-type: none"> • Excellent permeability and wetting performance • Excellent detergency, emulsification and solubility • For detergents • For toiletries • For miscellaneous industrial applications 	17kg can 190kg drum
LA-875		White solid	70	12.9		
LA-1275			>100	14.6		
OA-7	Oleyl alcohol based C ₁₈ H ₃₅ O(CH ₂ CH ₂ O) _n H	Semi transparent liquid	30	10.8		16kg can 200kg drum

● ADEKA TOL TN series

Product	Composition	Appearance	Clouding Point °C	HLB	Characteristics · Applications	Packing
TN-40 *	Primary alcohol based RO(CH ₂ CH ₂ O) _n H	Transparent or semi transparent liquid	<0	9.4	<ul style="list-style-type: none"> • Excellent detergency, emulsification and solubility • For detergents • For toiletries • For miscellaneous industrial applications 	16kg can
TN-80			49	12.8		
TN-100			75	13.8		18kg can

* : Production on orders

● ADEKA TOL UA · DB · LO series

Product	Composition	Appearance	Clouding Point °C	HLB	Characteristics · Applications	Packing
UA-70N	Primary alcohol based RO(CH ₂ CH ₂ O) _n H	Liquid	54	12.8	<ul style="list-style-type: none"> • Excellent detergency and emulsification • For detergents • For toiletries • For miscellaneous industrial applications 	17kg can
UA-90N		White paste	78	13.9		18kg can
LO-3		Transparent liquid	<10	7.5		18kg can 180kg drum
LO-7			45	11.7		
LO-9		White solid	65	12.9		

● ADEKA TOL SO series

Product	Composition	Appearance	Clouding Point °C	HLB	Characteristics · Applications	Packing		
SO-80	Secondary alcohol based RO(CH ₂ CH ₂ O) _n H	Transparent liquid	—	8.0	<ul style="list-style-type: none"> • Excellent fluidity at low temperature • Excellent wetting, penetration • Excellent detergency • For detergents • For toiletries • For miscellaneous industrial applications 	16kg can 180kg drum		
SO-105				10.5		17kg can 180kg drum		
SO-120				33		12.0	18kg can 180kg drum	
SO-135				57		13.5		
SO-145				White paste		82		14.5
SO-160				White solid		>100		16.0

Specialized phenol type nonionic surfactants

● ADEKA TOL SP · PC series

Product	Composition	Appearance	Clouding Point °C	HLB	Characteristics · Applications	Packing
SP-12	Special phenol ethoxylated	Liquid	60	12.7	<ul style="list-style-type: none"> • Excellent emulsification, dispersion • High defoaming • For detergents • For toiletries • For miscellaneous industrial applications 	18kg can 200kg drum
PC-1			0>	4.2		
PC-6			10	11.1		
PC-8			51	12.4		
PC-10			67	13.5		

Ester type nonionic surfactants

● ADEKA NOL NK series

Product	Composition	Appearance	Clouding Point °C	HLB	Characteristics · Applications	Packing
NK-3	Glyceride ethoxylated	Slight yellowish transparent liquid	—	6.6	<ul style="list-style-type: none"> • Excellent emulsification, dispersion • Biodegradable • Excellent lubrication • For detergents • For toiletries • For miscellaneous industrial applications 	17kg can
NK-4				9.0		18kg can
NK-7				3		

● ADEKA ESTOL OEG series

Product	Composition	Appearance	Solubility	HLB	Characteristics · Applications	Packing
OEG-102	Polyoxyethylene glycol oleate RCOO(CH ₂ CH ₂ O) _n H	Slight brown liquid	Disperse to water	7.9	<ul style="list-style-type: none"> • Biodegradable • Excellent emulsification, solubilization, dispersion • For detergents • For toiletries • For miscellaneous industrial applications 	17kg can
			Soluble to water	14.0		

● ADEKA ESTOL TL series

Product	Composition	Appearance	Characteristics · Applications	Packing
TL-144 *	Special Polyoxyethylene tallowate RCOO(AO) _m H	Slight brown Liquid	<ul style="list-style-type: none"> • Excellent emulsification, solubilization and dispersion • Excellent lubricity • For miscellaneous industrial applications 	18kg can 200kg drum
TL-161				
TL-162				

* : Production on orders

● ADEKA ESTOL S · T series

Product	Composition	Appearance	Freezing Point °C	HLB	Characteristics · Applications	Packing
S-20	Sorbitan lauryl ester	Liquid	20>	8.6	<ul style="list-style-type: none"> • Excellent emulsification, solubilization and dispersion • For detergents • For toiletries • For miscellaneous industrial applications 	17kg can
S-60 *	Sorbitan stearate ester	Solid	49	4.7		
S-80	Sorbitan oleic ester	Oil liquid	5>	4.3		
T-81 *	Polyoxyethylene sorbitan oleic ester	Liquid	0>	15.0		
T-82 *						

* : Production on orders

Amide type nonionic surfactants

● ADEKA SOL CO · COA series

Product	Composition	Appearance	Characteristics · Applications	Packing
CO	Coco diethanolamide (1 : 2 type) $\begin{array}{c} \text{CH}_2\text{CH}_2\text{OH} \quad \text{CH}_2\text{CH}_2\text{OH} \\ \diagup \quad \diagdown \\ \text{RCON} \quad \quad \quad \text{-HN} \\ \diagdown \quad \diagup \\ \text{CH}_2\text{CH}_2\text{OH} \quad \text{CH}_2\text{CH}_2\text{OH} \end{array}$	Liquid	<ul style="list-style-type: none"> • Excellent detergency and stable foaming effects • Viscosity increasing effects • For detergents • For toiletries • For miscellaneous industrial applications 	18kg can 200kg drum
COA	Coco diethanolamide (1 : 1 type) $\begin{array}{c} \text{CH}_2\text{CH}_2\text{OH} \\ \diagup \\ \text{RCON} \\ \diagdown \\ \text{CH}_2\text{CH}_2\text{OH} \end{array}$			

Others

● ADEKA PEG series

Product	Composition	Appearance	Molecular weight	Characteristics · Applications	Packing
PEG-200	Polyethylene glycol $\text{HO}(\text{CH}_2\text{CH}_2\text{O})_n\text{H}$	Transparent liquid	200	<ul style="list-style-type: none"> • Excellent solubility • Excellent wetting, lubricity • For detergents • For toiletries • For pharmaceuticals • For miscellaneous industrial applications 	20kg can 230kg drum
PEG-300			300		
PEG-400			400		
PEG-600			600		
PEG-1000		White paste	1000		20kg can
PEG-1500			1540		
PEG-4000		White flake	3000		20kg bag
PEG-6000			9000		
PEG-20000			20000		

3 Anionic Surfactants

● ADEKA COL TS · CS · PS series (Phosphate)

Product	Composition	Structural formula	Appearance	Solid content %	Characteristics · Applications	Packing
TS-230E	Aromatic alcohol phosphate	$\left[\text{RO}-(\text{EO})_m \right]_x \text{O}-\text{P} \begin{array}{l} \text{O} \\ \parallel \\ \text{[OH]}_y \end{array}$	Transparent liquid	100	<ul style="list-style-type: none"> • Nonion – anion characteristics • Excellent lubrication, antirust and antistatic property • Good emulsification, detergent • Soluble for high concentrate electrolyte • For detergents • For toiletries • For miscellaneous industrial applications 	18kg can
CS-141E				90		
CS-1361E				30		
CS-279				100		
PS-440E	Fatty alcohol phosphate					
PS-810E						
PS-807						
PS-984						

● ADEKA COL EC series (Sulfosuccinate)

Product	Composition	Appearance	Solid content %	Characteristics · Applications	Packing
EC-8600	Dialkyl sulfosuccinate $\begin{array}{c} \text{C}_8\text{H}_{17}\text{OCOCH}_2 \\ \\ \text{C}_8\text{H}_{17}\text{OCOCHSO}_3\text{Na} \end{array}$	Transparent liquid	70	<ul style="list-style-type: none"> • Excellent permeability and wetting effects • Excellent dispersion, solubilization • For detergents • For toiletries • For miscellaneous industrial applications 	18kg can 200kg drum

● ADEKA NOL AP series (Polypeptide)

Product	Composition	Appearance	Solid content %	Characteristics · Applications	Packing
AP-1240E	Lauryl polypeptide $\text{R}_1-\left(\begin{array}{c} \text{H} \\ \\ \text{CN}-\text{CH} \\ \\ \text{O} \end{array} \right)_n-\text{COONa}$	Viscous liquid	40	<ul style="list-style-type: none"> • Low irritation • For damage care • For detergents • For toiletries • For miscellaneous industrial applications 	200kg drum

4 Cationic Surfactants

● ADEKA MINE 4MAC · 4DAC · MT series (Alkyl cationic type)

Product	Composition	Appearance	Solid content %	Characteristics · Applications	Packing
4MAC-30	$R_1OCH_2CHOHCH_2-N^+ \begin{matrix} R_2 \\ \\ R_4 \end{matrix} -R_3 \cdot Cl^-$ 4MAC : Monoalkyl type, 4DAC : Dialkyl type	Transparent liquid	30	<ul style="list-style-type: none"> · Excellent antistatic · Good for softener · Excellent emulsification, dispersion · Low irritation · For detergents · For toiletries · For miscellaneous industrial applications 	17kg can 180kg drum
4DAC-85		Slight brown liquid	86		15kg can

● ADEKA MINE SF series (Amide type / Esther cationic type)

Product	Composition	Appearance	Characteristics · Applications	Packing
SF-106	Di-ester type quaternary ammonium salt	Slight yellow liquid	<ul style="list-style-type: none"> · Easily biodegradable · Made by vegetable fatty acid · Excellent hydroscopic and anti-static property · For toiletries · For miscellaneous industrial applications 	18kg can 200kg drum
SF-201	Di-amide type quaternary ammonium salt			<ul style="list-style-type: none"> · Excellent foaming · Antibacterial agent

5 Amphoteric Surfactants

● ADEKA AMPHOTE PB · AB series

Product	Composition	Appearance	Solid content %	Characteristics · Applications	Packing
PB-30L	Lauramidpropyl betain $RCONHCH_2CH_2CH_2-N^+ \begin{matrix} CH_3 \\ \\ CH_3 \end{matrix} -CH_2COO^-$	Transparent liquid	30	<ul style="list-style-type: none"> · Stable foaming · Thickening effects · Low irritation · For detergents · For toiletries · For miscellaneous industrial applications 	18kg can 200kg drum
AB-35L	Lauryl dimethyl betain $R-N^+ \begin{matrix} CH_3 \\ \\ CH_3 \end{matrix} -CH_2COO^-$		35		200kg drum

6 Specialized Surfactants

Surfactants for synthetic resin emulsion industry

● ADEKA REASOAP SR • ER • SE • NE • PP series (Reactive type)

Product	Composition	Appearance	Characteristics · Applications	Solid content %	Packing
SR-10	Ether sulfate	Liquid	<ul style="list-style-type: none"> Emulsifying polymerization agent (Reactive type) Monomer for radical polymerization For miscellaneous industrial applications 	100	18kg can 180kg drum
SR-20				100	
SR-1025				25	
SR-3025				25	
ER-10	Nonionic			100	
ER-20				75	
ER-30				65	
ER-40				60	
SE-10N	Ether sulfate			100	
SE-1025A				25	
NE-10	Nonionic			100	
NE-20				80	
NE-30					
PP-70	Phosphoric acid ester			100	

● ADEKA NOL UH series (Thickeners / Rheology Modifiers)

Product	Composition	Appearance	Characteristics · Applications	Solid content %	Packing
UH-140S	Special macromolecular nonion	Viscous liquid	<ul style="list-style-type: none"> Viscosity control for emulsion of synthetic resins Viscosity control for latex Improve agent for surface of coating films Viscoelasticity Leveling-Thixotropic properties Gelling agent for water-gel For emulsion paints For water-borne paints For various coating applications For miscellaneous industrial applications 	30	16kg can
UH-420					
UH-438					
UH-450VF					
UH-462					
UH-472					
UH-526					
UH-530					
UH-540					
UH-541VF					
UH-550					
UH-752				28	
UH-756VF				32	

● ADEKA PRANON MPC series

Product	Composition	Appearance	Characteristics · Applications	Solid content %	Packing
MPC-620	Special nonionic surfactants	Transparent liquid	<ul style="list-style-type: none"> Coalescing solvents at low temp Drying crack prevention agent For emulsion paints 	100	17kg can 200kg drum
MPC-709					15kg can
MPC-800			<ul style="list-style-type: none"> Drying crack prevention agent 		18kg can 200kg drum
MPC-810					18kg can
MPC-831					18kg can 200kg drum

● ADEKA COL W • WS series (Dispersing agent)

Product	Composition	Appearance	Characteristics · Applications	Solid content %	Packing
W-193	Polycarboxylic acid salt	liquid	<ul style="list-style-type: none"> Dispersant for water-borne paints Excellent dispersion Low foaming 	25	18kg can
W-304				40	20kg can
WS-100	Pigment Dispersant of hydroxy fatty acid type	Brown liquid	<ul style="list-style-type: none"> Dispersant for solvent paints Excellent dispersing ability 	100	16kg can

● ADEKA NATE B series (Defoaming agents)

Product	Composition	Appearance	Applications	Characteristics	Packing		
B-748A	Mineral oil type mixture	White suspension	For spray paints	<ul style="list-style-type: none"> Excellent foam breaking effects Low foaming Long lasting defoaming effects 	16kg can		
B-556		Slight yellow liquid				For elastic paints	18kg can
B-187							17kg can
B-190	18kg can						
B-191	17kg can						
B-198	For latex production process		18kg can				
B-199			200kg drum				
B-1012	For flat paints and adhesives		16kg can				
B-548		For gloss paints	18kg can				
B-925	For secondary concrete products		18kg can				
B-940		White powder	For pre-mixed mortar		16kg can		
B-943	18kg can						
B-970	17kg can						
B-988	18kg can						
B-1015	For solvent paints				16kg can		
B-1016					180kg drum		
B-1045	For polyurethane floorings				For food and beet sugar production	10kg bag	
B-1046						14kg can	
B-107F	Slight yellow liquid				For polyurethane floorings	15kg can	
B-111F						Excellent foam breaking effects	16kg can
B-115F	170kg drum	16kg can					
B-211F			16kg can				
B-213F	16kg can						
B-317F		16kg can					
B-SK	Special silicone mixture		Transparent liquid		For solvent paints	14kg can	
BS-281	Special nonionic mixture	Slight yellow liquid	For polyurethane floorings		15kg can		
B-3011	Special mixture (food grade)	Yellow brown liquid	For food and beet sugar production		16kg can		
B-3022					170kg drum		
					16kg can		

● ADEKA NATE S series (Defoaming agents)

Product	Composition	Appearance	Applications	Characteristics	Packing
S-274	Special nonion / silicone mixture	White turbid liquid	For gloss paints	<ul style="list-style-type: none"> Excellent foam breaking effects Low foaming Long lasting defoaming effects 	16kg can
S-315		Slight yellow liquid			17kg can

Defoamers for many kind of industries

● ADEKA NOL LG · PA series

Product	Composition	Appearance	Applications	Characteristics	Packing
LG-109	Polyether surfactant	Transparent liquid	<ul style="list-style-type: none"> For fermentation For metal For pharmaceutical and cosmetics For waste water treatments 	<ul style="list-style-type: none"> Excellent foam breaking effects Low foaming Lower fermentation inhibition Excellent dispersing effects in water 	18kg can 200kg drum
LG-126					17kg can 190kg drum
LG-294					18kg can
LG-295S					16kg can 200kg drum
LG-299					18kg can
LG-805					
LG-131N					
LG-133	Special nonionic surfactant	Slight yellow liquid	<ul style="list-style-type: none"> For paper / pulp Paper making process Waste water treatments For miscellaneous waste water treatment Slate board making process 	<ul style="list-style-type: none"> Excellent foam breaking effects Low foaming Excellent dilution effects with water 	18kg can 200kg drum
LG-135					
LG-136					
LG-148					16kg can
LG-145					
LG-163	Mineral oil type	Slight yellow liquid	<ul style="list-style-type: none"> For miscellaneous waste water treatment 	<ul style="list-style-type: none"> Excellent foam breaking effects Low foaming 	16kg can 180kg drum
LG-683	Silicone type	White emulsion			17kg can
LG-128	Special nonionic surfactant	Transparent liquid	<ul style="list-style-type: none"> For metal For detergency 	<ul style="list-style-type: none"> Low foaming 	18kg can 200kg drum
LG-139		Slight yellow liquid	<ul style="list-style-type: none"> For print circuit board 	<ul style="list-style-type: none"> Excellent foam breaking effects Excellent dilution effects with water 	17kg can
LG-200B		White emulsion	<ul style="list-style-type: none"> For latex production 	<ul style="list-style-type: none"> Excellent foam breaking effects, low foaming Excellent effects for SBR 	200kg drum
LG-284		Transparent liquid	<ul style="list-style-type: none"> For chemical production 	<ul style="list-style-type: none"> Low foaming 	18kg can
LG-784		Yellow brown liquid	<ul style="list-style-type: none"> For acrylyril production 	<ul style="list-style-type: none"> Excellent defoaming effects in various temp. condition 	180kg drum
LG-756		Transparent liquid	<ul style="list-style-type: none"> Phosphoric acid production 	<ul style="list-style-type: none"> Excellent foam breaking effects, low foaming Little influence on the products 	16kg can 180kg drum

● ADEKA CATIOACE DM series

Product	Composition	Appearance	Applications	Solid content %	Packing
DM-30A	Cationic polymer	Slight yellowish liquid	<ul style="list-style-type: none"> Paper coating agent for paper of printer Electric conductor for information paper 	30	18kg can 200kg drum
DM-50			<ul style="list-style-type: none"> Water resistant agent for paper 	40	200kg drum

Surfactants for detergent and toiletries industry

● ADEKA COL CC series

Product	Composition	Appearance	Characteristics · Applications	Packing
CC-36	Polyether derivative type cationic	Transparent liquid	<ul style="list-style-type: none"> • Excellent conditioning • Ease from skin irritation • Improve fluidity at low temperature (Concentrated detergent) 	18kg can
CC-42				

● ADEKA MINE SF series

Product	Composition	Appearance	Characteristics · Applications	Packing
SF-106	Di-ester quaternary ammonium salt	Slight yellow liquid	<ul style="list-style-type: none"> • Easily biodegradable • Made by vegetable fatty acid • Good for softener-formulation • Excellent hygroscopic and antistatic property 	18kg can
SF-201	Di-amide quaternary ammonium salt		<ul style="list-style-type: none"> • Excellent foaming • Anti bacterial agent 	15kg can

● ADEKA CATIOACE PD series

Product	Composition	Appearance	Characteristics · Applications	Solid content %	Packing
PD-50	Cationic polymer	Slight yellow liquid	<ul style="list-style-type: none"> • Good conditioning 	40	18kg can

● ADEKA NOL B · BO series (Low forming surfactants)

Product	Composition	Appearance	Clouding Point °C	Applications	Characteristics	Packing
B-4001	nonionic surfactant	Transparent or semi transparent liquid	66	<ul style="list-style-type: none"> • For detergency • For metal • For textile 	<ul style="list-style-type: none"> • Lowest foaming effects in ADEKANOL B series • Excellent alkaline resistance • Excellent dilution at high temp • B-4009 has much lower foaming effects 	<ul style="list-style-type: none"> 17kg can 180kg drum
B-4009						
B-2020			24		<ul style="list-style-type: none"> • Excellent surface active effects • Good defoaming effects • B-2030 has much lower foaming effects 	18kg can
B-2030			17			
B-714			43			
B-722			16		<ul style="list-style-type: none"> • Excellent surface active and defoaming effects 	17kg can
B-733			31			
B-751			2		<ul style="list-style-type: none"> • Low foaming 	18kg can
B-786			—			
B-787S			84		<ul style="list-style-type: none"> • Good detergency • Low foaming 	190kg drum
B-795			37			
BO-901			54		<ul style="list-style-type: none"> • Biodegradable • Stable in alkaline • Good detergency 	18kg can
BO-902			44			
BO-922			—			

Cosmetic additives

● ADEKA NOL HG · OG · GT series

Product	R	Composition	Appearance	Applications	Packing
HG*	C4	$\begin{array}{c} \text{R} \\ \\ \text{---} \\ \quad \\ \text{OH} \quad \text{OH} \end{array}$	Transparent liquid~ White solid	<ul style="list-style-type: none"> • Anti ceptic effect • Moisturizer • For cosmetics 	22kg can
OG	C6				
GT-700		Nonionic polymer	White-Slight yellow wax (flake)	<ul style="list-style-type: none"> • high elasticity • Stable with inorganic salts 	20kg bag

* : Production on orders

Others

● ADEKA NOL C series

Product	Composition	Appearance	Applications	Characteristics	Packing
C-101	Nonionic	Transparent liquid	<ul style="list-style-type: none"> • For water borne cutting oils • Polishing auxiliary (Siliconwafer, metal) 	<ul style="list-style-type: none"> • Low foaming • Excellent polishing capability • Excellent dispersing effects of polishing particles 	18kg can 200kg drum

● ADEKA COL DRC series

Product	Composition	Appearance	Applications	Packing
DRC-168	Special nonionic	Brown viscous liquid	<ul style="list-style-type: none"> • Crude oil refining additive • Demulsifier • Desalting agent 	160kg drum
DRC-169				

● ADEKA NOL AN series

Product	Composition	Appearance	Applications	Packing
AN-151D	Special blend type	Yellow brown liquid	<ul style="list-style-type: none"> • Emulsifier for agricultural chemicals 	200kg drum

● ADEKA NOL UC · AS · FB series

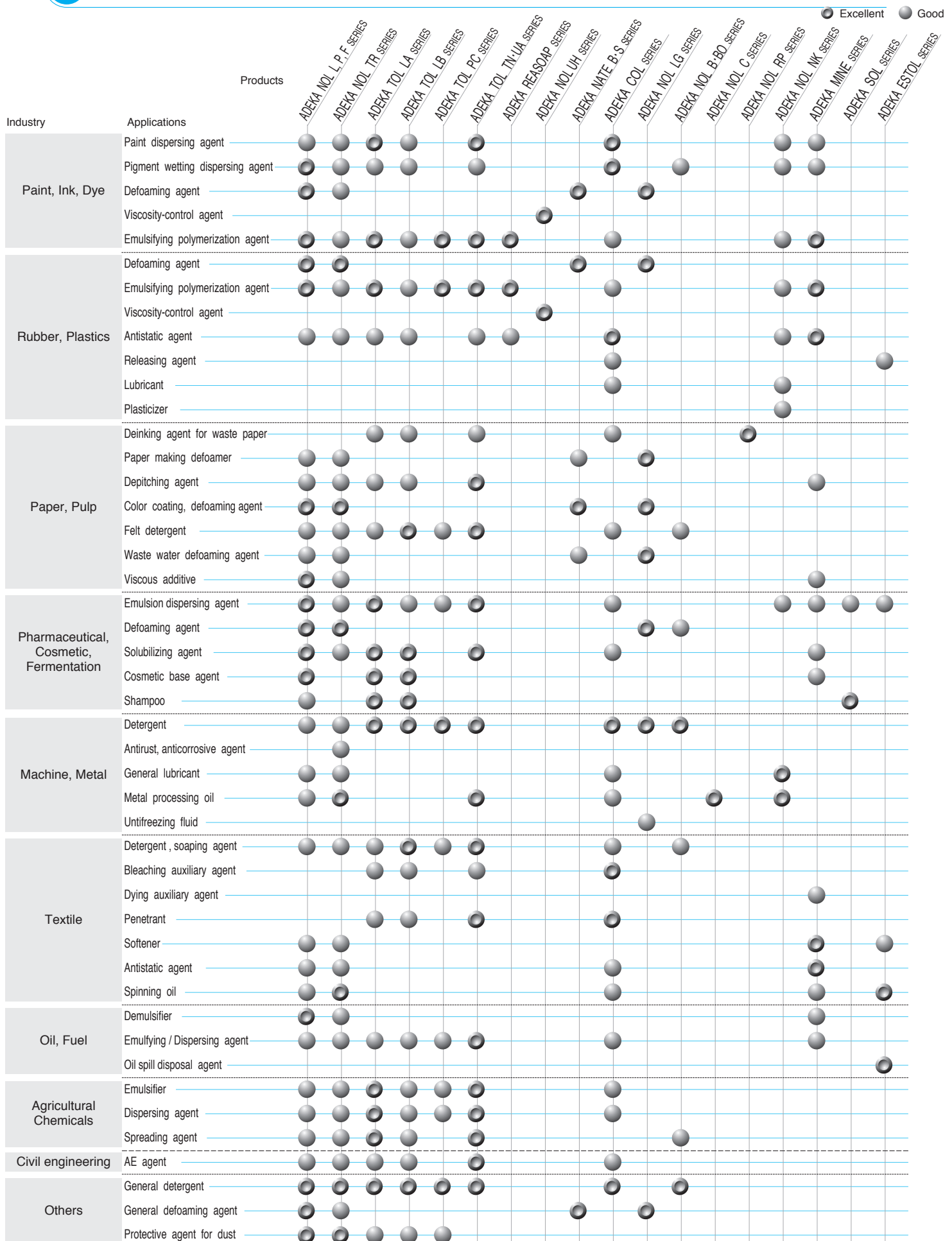
Product	Composition	Appearance	Applications	Packing
UC-606	Emulsion of HALS (47%)	White liquid	<ul style="list-style-type: none"> • Light stabilizer • For water-borne coating 	16kg can
UC-5225	Dispersion of HALS (25%)			
UC-3125	Dispersion of UVA (25%)			
UC-3140	Dispersion of UVA (40%)			
AS-113	Specialized nonionic and anionic blend type	Light yellowish powder	<ul style="list-style-type: none"> • Anti static agent 	22kg bag
FB-112	$\text{RCOO}(\text{EO})_n \text{---} \text{C} \begin{array}{c} \\ \text{CH}_3 \\ \\ \text{---} \\ \\ \text{CH}_3 \end{array} \text{---} \text{O}(\text{EO})_n \text{X}$ <p>X : H or RCO R : Alkyl group</p>		<ul style="list-style-type: none"> • Resin modifier 	15kg case

● ADEKA CEMSURF DSR series

Product	Composition	Appearance	Applications	Packing
DSR-350	Nonionic additives	Transparent liquid	<ul style="list-style-type: none"> • Shrinkage reducing agent • For mortar / concrete 	17kg can 180kg drum
DSR-360				18kg can
DSR-450	Powder type nonionic mixture	white powder		20kg bag
DSR-460				

• Other types of chemicals which is not on this list can be available.
Ask our agent for more details.

7 Applications



NOTES

Review MATERIAL SAFETY DATA SHEET (MSDS) before using ADEKA products.

The data containing in this brochure are based on specific method and typical analysis.

The data containing in this brochure may be changed without notice.

The application and the data in this brochure do not warrant final function of your application.

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※Please ask our R&D or sales section for more detail.



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