



■ BASF

We create chemistry

Solutions **Care 360°** for Sustainable Life
For Home. *For Life.*

BASF Home Care and I&I

Product Guide

for USA and Canada

Overview

BASF creates powerful Home Care and Industrial & Institutional (HI&I) cleaning solutions and is recognized as a leading supplier in the Home Care, Industrial, and Institutional cleaning industry.

We offer a wide range of products, such as chelating agents, polymers, surfactants, biocides, and enzymes. This diverse portfolio of ingredients can be used in applications like laundry, dishwashing, hard surface cleaning, commercial laundry, food and beverage processing, institutional cleaning, food service and kitchen hygiene, industrial cleaning, and vehicle and transportation care.

We invite you to explore our catalog and learn how our innovations support cleaner, safer living environments. Driven by a commitment to solving our customers' toughest challenges, we focus on advancing cleaning through innovation, digitalization, and sustainability. Our extensive ingredient selection reflects this mission – with safer, more efficient chemistries, including Safer Choice-certified, biodegradable, and biobased options that benefit both industry and the environment.

Discover the right product for your needs at care360.basf.com.

DEFINITIONS

 **Safer Choice** - Ingredients that meet requirements established by the United States Environmental Protection Agency (EPA). Chemical ingredients that have been pre-approved by the U.S. EPA to meet the criteria of the Safer Choice are listed on CleanGredients database. Find more details at epa.gov/saferchoice/standard.

 **Biobased** – Ingredients are biobased if they contain biologically-based carbon molecules, typically derived from plant or agricultural sources. The biobased level is quantified by the ratio of biobased carbon content to total carbon content.

 **Biodegradable** – Ingredients are considered biodegradable if they can naturally decay at a certain ratio. There are five classifications as it relates to an ingredients biodegradable level.

- RB: Readily Biodegradable by OECD criteria (≥60% in 10-day window)
- UB: Readily Biodegradable (≥60% in 28 days)
- MB: Moderately Biodegradable (>20– 60% in 28 days)
- PB: Poorly Biodegradable (≤20% in 28 days)
- PE: Partially Eliminated by water

EPA Inert Ingredients permitted for use:

[†] **Nonfood use** – Nonfood use ingredients are solely for use in pesticide products applied to nonfood use sites, such as nonfood handling establishments, nonfood industrial applications, bathroom cleaning, etc. Food use is not permitted.

[‡] **Food and Nonfood use** – The only inert ingredients approved for use in pesticide products applied to food are those that have either tolerances or tolerance exemptions in the Code of Federal Regulations (CFR), 40 CFR part 180 (the majority are found in sections 180.910 – 960), or where no residues are found in food. Food use sites may include food contact surfaces in public eating places, dairy-process equipment, and food-processing equipment and utensils. Restrictions and limitations may vary. Please consult your BASF representative for further information on suitable BASF inert ingredients for your pesticide products.

Determination of BASF product EPA Inert status is either provided directly from EPA Inerts or by BASF self-assessment.

TEST METHODS

Test methods for Lupasol types

Physical form	at 25°C
Concentration (dry content)	ISO 3251, 1g, 120°C, 4 h
pH-value	DIN 19268, 10% dry substance in dist. water
Density	DIN 51757, 25°C
Viscosity	Brookfield, 25°C, as is

Test methods for Sokalan types

Physical form	at 25°C
Concentration	ISO 3251 drying to constant mass
Average molar mass	Gel Permeation Chromatography (calibration with polystyrene sulfonates/or polyacrylates)
pH-value	DIN 19268, 10% dry substance in dist. water
Bulk density	ISO 697
Density	DIN 51757, 25°C
Viscosity	Brookfield, 25°C, undiluted

Test methods for Rheovis types

Physical form	at 25°C
Concentration	specific for each product, please refer to the Product Specification
pH-value	DIN 19268, 1% in dist. water
Bulk density	ISO 697
Density	DIN 51757, 25°C
Viscosity	Brookfield, 25°C, undiluted

Test methods

- Cloud point in °C according to EN 1890:
 - Method A: 1g surfactant + 100g distilled water
 - Method B: 1g surfactant + 50g NaCl solution (c = 50g/L)
 - Method C: 1g surfactant + 100g NaCl solution (c = 100g/L)
 - Method D: 5g surfactant + 45g of diethylene glycol monobutyl ether solution (c = 250g/L)
 - Method E: 5g surfactant + 25g of diethylene glycol monobutyl ether solution (c = 250g/L)
- Viscosity: EN 12092 Brookfield, 60 rpm [mPa·s], 23°C
- Viscosity: Ubbelohde according to DIN 51562 [mm²/s]
- Molar mass calculated from hydroxyl number according to DIN 53240 or PSA method
- HLB value according to W.C. Griffin (Lutensol and Inoterra products) and Davies (Dehypon and Pluronic products)
- Melting point: BASF method

Test methods for sustainability metrics

Biodegradability	one of the following methods: OECD 301A, OECD 301B, or OECD 301F
Product Carbon Footprint	The methodology for calculating the PCF is based on the ISO 14040, ISO 14044 and ISO 14067 standards and is compliant with the Greenhouse Gas Protocol Product Standard
Biobased Content	ASTM method D6866

Table of Contents

ACIDS	Pages
Acids	6-7
ANIONIC SURFACTANTS	
Fatty Alcohol Ethersulfates	8-9
Fatty Alcohol Sulfates	8-9
CHELATING AGENTS	
Chelating Agents	12-13
ENZYMES	
Enzymes	14-17
NONIONIC SURFACTANTS	
Alcohol Alkoxylates	16-21
Alkyl Polyglucosides	20-23
Amine Ethoxylates	24-25
Ethylene Oxide/Propylene Oxide Block Copolymer	24-27
Low-Foaming Nonionic Surfactants	28-31
Special Surfactants	32-33

OTHER SURFACTANTS	
	Pages
Other Surfactants	34-35

POLYALKYLENE GLYCOLS	
Polyalkylene Glycols	38-39

SPECIALTY ADDITIVES	
Biocides	40-41
Corrosion Inhibitors	40-41
Stabilizers (Antioxidants)	40-41

WATER SOLUBLE POLYMERS	
Dispersing Agents	42-43
Polyethyleneimines	44-45
Special Polymers	44-47
Thickeners	46-47

ACIDS

Product	Chemical Nature	Active Matter [%]
Lutropur® MSA ^{Δ‡} 	Methanesulfonic acid in water	approx. 70
Luvipur® FM 75 	Formic Acid	75
Luvipur® FM 85 [†] 	Formic Acid	85



5 Benefits of using
Lutropur MSA
in cleaning products

Physical Form	Density 20°C [g/cm ³]	Biodegradability Level
Liquid	approx. 1.35	RB
Liquid	approx. 1.18	RB
Liquid	approx. 1.19	RB



1.

Sustainable, biodegradable organic acid.

2.

Safer and less corrosive than hydrochloric or sulfuric acid, reduces risk of damage to surfaces and equipment.

3.

More stable than other acids, allowing for longer shelf life and easier storage.

4.

Strong cleaning and descaling capabilities, making it versatile for various applications.

5.

Lower toxicity than other acids. Lutropur MSA is approved for use in Safer Choice and Direct Release formulations.

ANIONIC SURFACTANTS

Fatty Alcohol Ethersulfates

Product	Chemical Nature	Active Matter [%]
Texapon® K 14 S Spez. 70% [†]  	Sodium myreth sulfate	approx. 70

Fatty Alcohol Sulfates

Product	Chemical Nature
Sulfopon® 1216 G [†]  	Sodium Coco-sulfate
Texapon® 842 UP [†] Δ   	Sodium n-octyl sulfate
Texapon® K 12 GΔ [‡]   	Sodium C 12 fatty alcohol sulfate
Texapon® K 12 P [‡]  	Sodium C12 fatty alcohol sulfate
Texapon® K 30 UP [†]  	Sodium Coco-sulfate
Texapon® V 95 G [†]  	Sodium lauryl sulfate
Texapon® Z 95 P [†]  	Sodium C12-18 fatty alcohol sulfate

Note:

† = Nonfood use EPA Inert Ingredients; ‡ = Food and Nonfood use EPA Inert Ingredients
UP = Unpreserved/Preservative free; G = Granules; P = Powder;
NA = North American version; LD = Low Dioxane; K = MIT/CIT preserved
Δ = Direct Release
For biodegradability information, please refer to the Definitions and Test Methods page.

Physical Form [23°C]	% Biobased Carbon	Biodegradability Level
Granules	100	RB

Active Matter [%]	Physical Form [23°C]	% Biobased Carbon	Biodegradability Level
approx. 92.5	Granules	100	RB
approx. 40	Liquid	100	RB
approx. 97	Granules	100	RB
approx. 97	Powder	100	RB
approx. 29	Liquid	100	RB
approx. 97	Granules	100	RB
approx. 95	Powder	100	RB

Trilon B – EDTA

Applications:

- Great in **auto dishwashing**, reduces spotting and filming
- Stable in high-alkaline cleaners, great for I&I surface and vehicle care

Trilon C – DTPA

Applications:

- Extremely effective in **automatic dishwashing**, tackles tough water stains
- Tough on metal residues, ideal for industrial cleaning

Trilon D – HEDTA

Applications:

- Performs well in **manual and automatic dishwashing**
- Ideal for **commercial laundry**, supports low-temp washing

Trilon G – GLDA

Applications:

- Great cost performance for **manual dishwashing**, tackles tough water stains
- Excellent in **laundry applications**

Trilon M – MGDA

Applications:

- Excellent **automatic dishwashing** performance
- Tough against calcium deposits, great for **hard surface cleaning**

Trilon® Liquid & Granules

Engineered for broad use across Home Care and I&I applications, each offering distinct performance advantages tailored to specific formulation needs.

Chelator	Biodegradability	Recommended pH range	logK (Ca ²⁺)	logK (Mg ²⁺)	logK (Cu ²⁺)
Trilon® B	Partially	4 – 10	10.7	8.7	18.8
Trilon® C	Partially	2 – 10	11.0	9.3	21.5
Trilon® D	Partially	4 – 10	8.2	7.0	17.5
Trilon® G	Readily	2 – 11	7.0	5.5	13.1
Trilon® M	Readily	3 – 9	6.4	5.8	13.9

For biodegradability information, please refer to the Definitions and Test Methods page.

CHELATING AGENTS

Product	Chemical Nature	Physical Form	Active Matter [%]
Trilon® B Liquid†	Tetrasodium salt of EDTA	Liquid	40
Trilon® B Powder‡	Tetrasodium salt of EDTA	Powder	87
Trilon® BD‡	Disodium salt of EDTA	Powder	90
Trilon® BS Powder†	Ethylenediaminetetraacetic acid	Powder	min. 99
Trilon® BX Liquid†	Tetrasodium salt of EDTA	Liquid	40
Trilon® BX Powder‡		Powder	84
Trilon® C Liquid 50%	Pentasodium salt of DTPA	Liquid	50
Trilon® C Liquid†		Liquid	40
Trilon® D Liquid†	Trisodium salt of HEDTA	Liquid	40
Trilon® G Liquid   	Aqueous solution of glutamic acid, N, N-diacetic acid, tetra sodium salt (GLDA, Na4)	Liquid	min. 47.4
Trilon® M Granules SGTΔ†   	Trisodium salt of MGDA	Granules	min. 76
Trilon® M Liquid TΔ†   		Liquid	40
Trilon® P Liquid	Anionic polyamine, modified	Liquid	40

Note:
† = Nonfood use EPA Inert Ingredients
‡ = Food and Nonfood use EPA Inert Ingredients
Δ = Direct Release
For biodegradability information, please refer to the Definitions and Test Methods page.

pH [1% in dist. Water]	Bulk Density [g/L]	Density 20°C [g/cm³]	% Biobased Carbon	Biodegradability Level
11.5		1.31		PB
11.5	690			PB
4.5	950			PB
2.8	820			PB
11.5		1.28		PB
11.2	845			PB
11.5		1.35		PB
11.5		1.29		PB
11.5				PB
11.0 - 11.8		1.35	56	RB
11.5	775		ask for details	RB
11.0		1.31	ask for details	RB
11.5		1.2	ask for details	PB

Lavergy® Enzymes

Homecare I&I Solutions

- Stain-fighting power
- Readily biodegradable¹
- Halal & Kosher certified
- No preservatives used in manufacturing²



Lavergy A Star 200 L | Amylase

Lavergy® A Star 200 L is our latest liquid amylase, delivering improved performance on starch stains, particularly in cold water washes. In addition to cleaning performance, Lavergy® A Star 200 L has improved stability vs. several benchmarks in many formulation conditions.

Lavergy C Bright 100 L | Cellulase

Lavergy® C Bright 100 L is a liquid cleaning cellulase that helps maintain the whiteness and brightness of cotton and cotton blend fabrics, even during cold water washes.

Lavergy C Care 100 L | Cellulase

Lavergy® C Care 100 L is a liquid care cellulase that provides superior fabric and color care, compared to other protease stable care cellulases. Additionally, it is more stable in tough conditions, including in presence of proteases, than other care cellulases.

Lavergy L Pace 100 L | Lipase

Lavergy® L Pace 100 L is a liquid lipase that meets the need for greasy and oily stain removal from soft and hard surfaces.

Learn More >



1 “Readily biodegradable” means $\geq 60\%$ degradation within 28 days, as measured by OECD 301F method.

2 No Intentionally added preservatives

Lavergy M Ace 100 L | Mannanase

Lavergy® M Ace 100 L is a liquid mannanase that outperforms the leading market-relevant mannanases on guar and mannan gum removal, especially during quick and cold washes.

Lavergy Pro 106 L | Protease

Lavergy® Pro 106 L is a liquid protease that outperforms the leading, market-relevant proteases on key protease sensitive soils like blood and milk, in both warm and cold temperatures.

Lavergy Pro 106 LS | Stabilized Protease

Lavergy® Pro 106 LS is a stabilized liquid protease that outperforms other market proteases on key protease sensitive soils, in both warm and cold conditions.

Lavergy Pro 114 LS | Non-Boron Stabilized Protease

Lavergy® Pro 114 LS is a liquid protease with an excellent non-boron stabilization technology that tackles the toughest protease sensitive soils in both warm and cold temperatures.

ENZYMES

Product	Chemical Nature	Physical Form
Lavergy® A Star 200 L  	Amylase	Liquid
Lavergy® C Bright 100 L  	Cellulase	Liquid
Lavergy® C Care 100 L  	Cellulase	Liquid
Lavergy® L Pace 100 L  	Lipase	Liquid
Lavergy® M Ace 100 L 	Mannanase	Liquid
Lavergy® Pro 106 L  	Protease	Liquid
Lavergy® Pro 106 LS 	Boron based Stabilize Protease	Liquid
Lavergy® Pro 114 LS  	Non-boron based Stabilized Protease	Liquid

BPU = BASF Protease Unit
BAU = BASF Amylase Unit
For biodegradability information, please refer to the Definitions and Test Methods page.

BCU = BASF Cellulase Unit
BLU = BASF Lipase Unit

NONIONIC SURFACTANTS
Alcohol Alkoxylates

Product	Chemical Nature	Form
Dehydol® 100 ⁺  	C10-18 Fatty Alcohol (9 EO)	Paste
Dehydol® LT 5 ⁺  	C12-18 Fatty Alcohol (5 EO)	Liquid
Dehydol® LT 7 ⁺  	C12-18 Fatty Alcohol (7 EO)	Liquid
Inoterra™ DWE ⁺ 	Nonionic Surfactant	Liquid
Inoterra™ DWF ⁺  	Nonionic Surfactant	Liquid
Lutensol® A 9 N ⁺  	C12-14 Fatty Alcohol (9 EO)	Waxy Solid
Lutensol® A 12 N ⁺  	C12-14 Fatty Alcohol (12 EO)	Waxy Solid
Lutensol® A 65 N ⁺  	C12-14 Fatty Alcohol (6.5 EO)	Liquid
Lutensol® A0 3 ⁺ 	C13-C15 Oxo Alcohol (3 EO)	Liquid
Lutensol® A0 5 	C13-C15 Oxo Alcohol (5 EO)	Liquid
Lutensol® A0 7 ⁺ 	C13-C15 Oxo Alcohol (7 EO)	Liquid
Lutensol® A0 8 ⁺ 	C13-C15 Oxo Alcohol (8 EO)	Solid
Lutensol® A0 11 ⁺ 	C13-C15 Oxo Alcohol (11 EO)	Solid

pH	Density at 20°C [g/cm³]	Activity
5 – 7	1.1 – 1.2	>30,000 BAU(K)/g
5 – 7	1.1 – 1.2	> 5,000 BCU/g
5 – 7	1.0 – 1.1	> 10,000 BTU/g
5 – 7	1.1 – 1.2	> 10,000 BLU/g
6 – 8	1.0 – 1.1	> 10,000 BMU/g
5 – 7	1.0 – 1.1	> 10,000 BPU/g
7 – 9	1.0 – 1.1	> 10,000 BPU/g
5 – 7	1.0 – 1.1	> 10,000 BPU/g

BMU = BASF Mannanase Unit
BTU = BASF Care Cellulase Unit

Cloud Point [°C]	HLB	Foam Height [mm] Ross Miles (0.1% wt%, 25°C) t = 0 min/5 min*	% Biobased Carbon	Biodegradability Level
80 (A)	13	115 & 115	45	RB
71 (E)	10.5	35 & 30	60	RB
53 (A)	12	110 & 110	52	RB
53 (A)	12.4	110 & 75		UB
54 (A)	13.6	100 & 80	74	UB
75 (A)	12.9	110 & 110	59	UB
>100 (A)	14.3		36	UB
50 (A)	12	120 & 115	49	UB
45 (E)	8	15 & 15		RB
62 (E)	10			RB
43 (A)	12	100 & 100		RB
52 (A)	12.5	100 & 100		RB
86 (A)	14	115 & 105		RB

Product	Chemical Nature	Form
Lutensol® AT 25 Flake [†]  	C16-C18 Fatty Alcohol (25 EO)	Flake
Lutensol® AT 25 Pwd. [†]  	C16-C18 Fatty Alcohol (25 EO)	Powder
Lutensol® CS 6250 [†] 	Alcohol Ethoxylate	Liquid
Lutensol® LA 60 [†]   	C12-C14 Fatty Alcohol (7 EO)	Liquid
Lutensol® ON 30 	C10-Oxoalkohol + 3 EO	Liquid
Lutensol® ON 60 	C10-Oxoalkohol + 6 EO	Liquid
Lutensol® TDA 3 [†]	Tridecyl Alcohol (3 EO)	Liquid
Lutensol® TDA 6 [†]	Tridecyl Alcohol (6 EO)	Liquid
Lutensol® TDA 7 [†] 	Tridecyl Alcohol (7 EO)	Liquid
Lutensol® TDA 8 [†] 	Tridecyl Alcohol (8 EO)	Liquid
Lutensol® TDA 8, 90% [†] 	Tridecyl Alcohol (8 EO)	Liquid
Lutensol® TDA 9 [†]  	Tridecyl Alcohol (9 EO)	Liquid
Lutensol® TDA 10 [†] 	Tridecyl Alcohol Ethoxylate (10 EO)	Paste
Lutensol® TO 5 [†] 	C13 Oxo Alcohol (5 EO)	Liquid
Lutensol® TO 6 [†] 	C13 Oxo Alcohol (6 EO)	Liquid
Lutensol® TO 7 	C13 Oxo Alcohol (7 EO)	Liquid
Lutensol® TO 8 [†] 	C13 Oxo Alcohol (8 EO)	Liquid
Lutensol® TO 12 [†] 	C13 Oxo Alcohol (8 EO)	Paste
Lutensol® TO 89 [†] 	C13 Oxo Alcohol (8 EO)	Liquid
Lutensol® XL 40 [†] 	Guerbet Alcohol Alkoxyate (4 EO)	Liquid
Lutensol® XL 50 	Guerbet Alcohol Alkoxyate (5 EO)	Liquid
Lutensol® XL 70 [†]  	Guerbet Alcohol Alkoxyate (7 EO)	Liquid
Lutensol® XL 79 [†]  	Guerbet Alcohol Alkoxyate (7 EO)	Liquid
Lutensol® XL 80 [†] 	Guerbet Alcohol Alkoxyate (8 EO)	Liquid
Lutensol® XL 90 [†]  	Guerbet Alcohol Alkoxyate (9 EO)	Liquid
Lutensol® XL 100 [†] 	Guerbet Alcohol Alkoxyate (10 EO)	Liquid/Paste
Lutensol® XP 30 [†] 	Guerbet Alcohol Ethoxylate (3 EO)	Liquid
Lutensol® XP 40 [†]  	Guerbet Alcohol Ethoxylate (4 EO)	Liquid

Cloud Point [°C]	HLB	Foam Height [mm] (0.1% wt%, 25°C) t = 0 min/5 min*	Ross Miles % Biobased Carbon	Biodegradability Level
>100 (A)	16	85 & 65	27	RB
>100 (A)	16	85 & 65	27	RB
>100 (A)		10 & 0		UB
60 (A)	12	115 & 115	48	UB
51 (E)	9			UB
36 (A)	11.5			RB
36 (E)	8	10 & 0		MB
66 (E)	11	55 & 50		MB
75 (E)				
43 (A)	12	115 & 75		RB
43 (A)	12	115 & 75		RB
58 (A)	13	125 & 85		UB
82 (A)	14	130 & 110		UB
62 (E)	10.5	20 & 20		UB
67 (E)	11	70 & 65		UB
70 (E)	12	—		RB
60 (A)	13	115 & 75		UB
93 (A)	14.5	125 & 85		RB
60 (A)	13	115 & 75		UB
46 (E)	10.5	20 & 5		RB
60 (E)	11.5	30 & 10		RB
68 (E)	12.5	105 & 15		RB
68 (E)	12.5	105 & 15		RB
56 (A)	13	105 & 15		RB
69 (A)	14	111 & 20		RB
80 (A)	15	120 & 35		UB
31 (E)	9	0 & 0		UB
44 (E)	10.5	10 & 0		UB

Product	Chemical Nature	Form
Lutensol® XP 50 [‡]  	Guerbet Alcohol Ethoxylate (5 EO)	Liquid
Lutensol® XP 70 [‡] 	Guerbet Alcohol Ethoxylate (7 EO)	Liquid
Lutensol® XP 79 [‡] 	Guerbet Alcohol Ethoxylate (7 EO)	Liquid
Lutensol® XP 80 ^{Δ‡}  	Guerbet Alcohol Ethoxylate (8 EO)	Liquid
Lutensol® XP 89 ^{Δ‡}  	Guerbet Alcohol Ethoxylate (8 EO)	Liquid
Lutensol® XP 90 ^{Δ‡}  	Guerbet Alcohol Ethoxylate (9 EO)	Liquid

Note:
 Cloud Point (Method A) = 1g active surfactant + 100g water
 Cloud Point (Method E) = 5g surfactant + 25g of diethylene glycol monobutyl ether solution (c = 250g/L)
 * = Concentration listed as active basis
 † = Nonfood use EPA Inert Ingredients
 ‡ = Food and Nonfood use EPA Inert Ingredients
 Δ = Direct Release
 HLB = Hydrophilic-lipophilic balance

Alkyl Polyglucosides

Product	Chemical Nature	Form	Active Matter [%]
APG® 325 UP [†]  	Decyl/Undecyl Glucoside	Liquid	50
Glucopon® 50 G [†]   	Lauryl/Myristyl Glucoside (and) Sodium Sulfate (and) Sodium Silicate (and) Sodium Coco Sulfate	Solid	50
Glucopon® 215 UP ^{Δ‡}   	Caprylyl/Decyl Glucoside	Liquid	64
Glucopon® 225 DK ^{Δ‡}  		Liquid	70
Glucopon® 420 UP [‡]   	Caprylyl/Myristyl Glucoside	Liquid	50
Glucopon® 425 N [†]  		Liquid	50
Glucopon® 480 UP   		Liquid	50
Glucopon® 600 UP [†]   		Liquid	50
Glucopon® 625 UP [†]   	Lauryl/Myristyl Glucoside	Liquid	50

Note:
 * = Concentration listed as active basis
 † = Nonfood use EPA Inert Ingredients
 ‡ = Food and Nonfood use EPA Inert Ingredients
 UP = Unpreserved/Preservative free; DK = Dark; N = Neutralized; G = Granules
 Δ = Direct Release

Cloud Point Method A [°C]	HLB	Foam Height [mm] Ross Miles (0.1% wt%, 25°C) t = 0 min/5 min*	% Biobased Carbon	Biodegradability Level
56 (E)	11.5	20 & 0		UB
52 (A)	13	80 & 5		UB
52 (A)	13	80 & 5		UB
56 (A)	14	60 & 5		UB
56 (A)	14	60 & 5		UB
69 (A)	14.5	95 & 10		UB

For biodegradability information, please refer to the Definitions and Test Methods page.

Foam Height [mm] Ross Miles (0.1% wt%, 25°C) t = 0 min/5 min*	% Biobased Carbon	Biodegradability Level
150 & 150	ask for details	RB
Insoluble	100	UB
140 & 140	100	RB
150 & 150	100	RB
155 & 155	100	RB
150 & 150	100	RB
150 & 145	100	RB
135 & 135	100	RB
135 & 135	100	RB

For biodegradability information, please refer to the Definitions and Test Methods page.



Benefits of BASF's alkyl polyglucosides

- Excellent foaming and cleansing properties. Offers excellent cleaning on polar, food soils (e.g. olive oil)
- Derived from natural sources*
- Locally produced in the USA
- Approved for use in Safer Choice products

Glucopon®

Nonionic Surfactants for Cleaning

- 1,4-dioxane free¹
- New claim options (e.g. mild to skin)
- Lower fossil carbon footprint²
- Readily biodegradable³
- 100% biobased Glucopon portfolio⁴

¹ Glucopons do not contain ethylene oxide, therefore no 1,4-dioxane is expected

² Glucopon 420 UP has 70% lower PCF when compared against 91-6 like non-ionic surfactant
Source: BASF SCOTT (Strategic CO2 Transparency Tool)

³ Readily biodegradable* means ≥ 60% degradation within 28 days. Measured by the OECD 301 methods.

⁴ Renewable carbon index was calculated to be 100%

Glucopon® 480 UP

the APG for Laundry

- Ideal for cold water washing within laundry
- Optimizes cost performance parity without further formula optimization
- Can offer a partial functional replacement for alcohol ethoxylates while maintaining performance parity under warm and cold conditions
- Testing has shown the ability to reduce total nonionic surfactant loading and total carbon footprint

Learn More >



* APG 325 uses a synthetic alcohol instead of palm oil based

Amine Ethoxylates

Product	Chemical Nature	Cloud Point [°C]
Demelan® VPC [†] 	Blend of ethoxylated fatty amines and ethoxylated fatty alcohols	approx. 58/E

Ethylene Oxide/Propylene Oxide Block Copolymer

Product	Chemical Nature	Form
Pluronic® 10 R5Δ [‡] 	EO/PO Block Copolymer, 50% EO	Liquid
Pluronic® 17 R2Δ [‡] 	EO/PO Block Copolymer, 20% EO	Liquid
Pluronic® 17 R4 [‡] 	EO/PO Block Copolymer, 40% EO	Liquid
Pluronic® 25 R2Δ [‡] 	EO/PO Block Copolymer, 20% EO	Liquid
Pluronic® 25 R4Δ [‡] 	EO/PO Block Copolymer, 40% EO	Liquid
Pluronic® 31 R1 [‡] 	EO/PO Block Copolymer, 10% EO	Liquid
Pluronic® F 68 Prill	EO/PO Block Copolymer, 80% EO	Prill
Pluronic® F 77 Prill	EO/PO Block Copolymer, 70% EO	Prill
Pluronic® F 87 Prill [‡] 	EO/PO Block Copolymer, 70% EO	Prill
Pluronic® F 88 Prill [‡]	EO/PO Block Copolymer, 80% EO	Prill
Pluronic® F 98 Prill [‡] 	EO/PO Block Copolymer, 80% EO	Prill
Pluronic® F 108 Prill [‡] 	EO/PO Block Copolymer, 80% EO	Prill
Pluronic® F 127 Prill [‡]	EO/PO Block Copolymer, 70% EO	Prill
Pluronic® L 10 [‡]	EO/PO Block Copolymer, 10% EO	Liquid
Pluronic® L 31 [‡]	EO/PO Block Copolymer, 10% EO	Liquid
Pluronic® L 35 [‡] 	EO/PO Block Copolymer, 50% EO	Liquid
Pluronic® L 44 INH [‡] 	EO/PO Block Copolymer, 40% EO	Liquid
Pluronic® L 61Δ [‡] 	EO/PO Block Copolymer, 10% EO	Liquid
Pluronic® L 62Δ [‡] 	EO/PO Block Copolymer, 20% EO	Liquid
Pluronic® L 62 LFΔ [‡] 	EO/PO Block Copolymer, 20% EO	Liquid
Pluronic® L 64 [‡] 	EO/PO Block Copolymer, 40% EO	Liquid
Pluronic® L 81 [‡] 	EO/PO Block Copolymer, 10% EO	Liquid

Amine Number [mg KOH/g]	Viscosity [mPa·s]	Physical Form [23°C]	Biodegradability Level
approx. 112	approx. 250	Liquid	RB
Cloud Point [°C]	HLB**	Foam Height [mm] Ross Miles (0.1% wt%, 25°C) t = 0 min/5 min*	Biodegradability Level
69 (A)	15	60 & 0	PE
35 (A)	6	25 & 0	RB
46 (A)	12	40 & 0	RB
29 (A)	4	20 & 0	RB
40 (A)	8	30 & 0	RB
25 (A)	1	10 & 0	PE
>100 (A)	29	100 & 90	PB
>100 (A)	25	90 & 75	PE
>100 (A)	24	95 & 75	UB
>100 (A)	28	85 & 80	PE
>100 (A)	28	75 & 70	UB
>100 (A)	27	70 & 70	UB
>100 (A)	22	70 & 65	PB
32 (A)	14	30 & 0	PE
37 (A)	5	40 & 0	PE
73 (A)	19	70 & 0	RB
67 (A)	16	50 & 0	UB
24 (A)	3	15 & 0	RB
32 (A)	7	25 & 0	RB
28 (A)	7	30 & 0	UB
58 (A)	15	35 & 0	PE
20 (E)	2	Insoluble	UB

Product	Chemical Nature	Form
Pluronic® L 92 [‡] 	EO/PO Block Copolymer, 20% EO	Liquid
Pluronic® L 101 [‡]	EO/PO Block Copolymer, 10% EO	Liquid
Pluronic® L 121 [‡]	EO/PO Block Copolymer, 10% EO	Liquid
Pluronic® N 3Δ [‡] 	EO/PO Block Copolymers	Liquid
Pluronic® P 65 [‡] 	EO/PO Block Copolymer, 50% EO	Paste
Pluronic® P 103 [‡]	EO/PO Block Copolymer, 30% EO	Paste
Pluronic® P 104 [‡]	EO/PO Block Copolymer, 40% EO	Paste
Pluronic® P 105 [‡]	EO/PO Block Copolymer, 50% EO	Paste
Pluronic® P 123 [‡]	EO/PO Block Copolymer, 30% EO	Paste
Tetronic® 901 [†]	Amine Based Block Copolymer, 10% EO	Liquid
Tetronic® 904 [‡]	Amine Based Block Copolymer, 40% EO	Paste
Tetronic® 908 Prill [‡]	Amine Based Block Copolymer, 80% EO	Prill
Tetronic® 1107 Prill [‡]	Amine Based Block Copolymer, 70% EO	Prill
Tetronic® 1301 [‡]	Amine Based Block Copolymer, 10% EO	Liquid

Note:

Cloud Point (Method A) = 1g active surfactant + 100g water
 Cloud Point (Method E) = 5g surfactant + 25g of diethylene glycol monobutyl ether solution (c = 250g/L)
 * = Concentration listed as active basis
 † = Nonfood use EPA Inert Ingredients
 ‡ = Food and Nonfood use EPA Inert Ingredients
 Δ = Direct Release
 HLB = Hydrophilic-lipophilic balance
 For biodegradability information, please refer to the Definitions and Test Methods page.

Cloud Point [°C]	HLB**	Foam Height [mm] Ross Miles (0.1% wt%, 25°C) t = 0 min/5 min*	Biodegradability Level
26 (A)	6	40 & 0	UB
10 (E)	1	Insoluble	PE
14 (E)	1	Insoluble	PE
31 (A)	16	15 & 0	UB
82 (A)	17	65 & 15	UB
86 (A)	9	120 & 90	PB
81 (A)	13	95 & 80	PB
91 (A)	15	95 & 85	PB
90 (A)	8	110 & 95	PB
20 (E)	3	Insoluble	PB
74 (A)	15	90 & 55	MB
>100 (A)	31	70 & 60	MB
>100 (A)	24	80 & 70	MB
16 (E)	2	Insoluble	PB

Low-Foaming Nonionic Surfactants

Product	Chemical Nature	Form
Dehypon® GRA  	Modified Fatty Alcohol Polyglycoether	Solid
Dehypon® LS 24 [†]  	C12-14 Fatty Alcohol (2EO) & 4PO	Liquid
Dehypon® LS 36 [†]   	C12-14 Fatty Alcohol (3EO) & 6PO	Liquid
Dehypon® LS 54 [†]   	C12-14 Fatty Alcohol (5EO) & 4PO	Liquid
Dehypon® LT 104   	C12-18 Fatty Alcohol (10EO) & n-butyl end-capped	Paste
Plurafac® D 250 [†] 	Alcohol Alkoxylate	Liquid
Plurafac® LF 120 	Alcohol Alkoxylate	Liquid
Plurafac® LF 220 	Alcohol Alkoxylate	Liquid
Plurafac® LF 221 	Alcohol Alkoxylate	Liquid
Plurafac® LF 224 	Alcohol Alkoxylate	Liquid
Plurafac® LF 303 [†] 	Alcohol Alkoxylate	Liquid
Plurafac® LF 400 [†] 	Alcohol Alkoxylate	Liquid
Plurafac® LF 403 [†] 	Alcohol Alkoxylate	Liquid
Plurafac® LF 431 	Alcohol Alkoxylate & End Capped	Liquid
Plurafac® LF 500 [†] 	Alcohol Alkoxylate	Liquid
Plurafac® LF 802 [†] 	Alcohol Alkoxylate	Liquid
Plurafac® LF 900 [†] 	Alcohol Alkoxylate	Liquid
Plurafac® LF 901 [†] 	Alcohol Alkoxylate	Liquid
Plurafac® LF RA-P [†]  	Alcohol Alkoxylate	Liquid
Plurafac® RA 300 [†]   	Alcohol Alkoxylate	Liquid
Plurafac® RCS 43 [†]  	Alcohol Alkoxylate	Liquid
Plurafac® S 305 LF [†]  	Alcohol Alkoxylate	Liquid
Plurafac® S 405 LF [†]   	Alcohol Alkoxylate	Liquid
Plurafac® S 505 LF [†]  	Alcohol Alkoxylate	Liquid
Plurafac® SL 62 [†]  	Alcohol Alkoxylate	Liquid
Plurafac® SLF 180 [†] 	Alcohol Alkoxylate	Liquid

Note:

Cloud Point (Method A) = 1g active surfactant + 100g water

† = Nonfood use EPA Inert Ingredients

Δ = Direct Release

* = Concentration listed as active basis

Cloud Point [°C]	HLB	Foam Height [mm] Ross Miles (0.1% wt%, 25°C) t = 0 min/5 min*	% Biobased Carbon	Biodegradability Level
17 (E)	Prop.	Insoluble	ask for details	RB
6 (A)	7.5	10 & 5	45	RB
11 (A)	9.0	15 & 5	35	RB
30 (A)	14.5	90 & 15	37	RB
26 (A)	14.5	75 & 10	38	RB
57 (A)	Prop.	95 & 25		RB
29 (A)	Prop.	45 & 5		RB
42 (A)	Prop.	105 & 10		RB
34 (A)	Prop.	75 & 10		UB
27 (E)	Prop.	10 & 5		RB
23 (E)	Prop.	Insoluble		UB
33 (A)	Prop.	90 & 15		RB
41 (E)	Prop.	10 & 5		RB
40 (E)	Prop.			UB
18 (A)	Prop.	20 & 5		RB
56 (A)	Prop.	125 & 30		RB
20 (A)	Prop.	5 & 0		UB
38 (A)	Prop.	35 & 5		RB
35 (A)	Prop.	65 & 5	ask for details	RB
37 (A)	Prop.	114 & 30	ask for details	RB
43 (A)	Prop.	45 & 0	ask for details	UB
19 (A)	Prop.	15 & 0	ask for details	UB
28 (A)	Prop.	20 & 0	ask for details	UB
47 (A)	Prop.	60 & 10	ask for details	UB
62 (A)	Prop.	125 & 30	ask for details	MB
18 (A)	Prop.	20 & 0		RB

Cloud Point (Method E) = 5g surfactant + 25g of diethylene glycol monobutyl ether solution (c = 250g/L)
HLB = Hydrophilic-lipophilic balance
For biodegradability information, please refer to the Definitions and Test Methods page.

Free of 1,4-Dioxane Solutions

BASF HOME CARE AND I&I
SOLUTIONS NORTH AMERICA



Free of 1,4-dioxane

Euperlan®	Opacifiers
Glucopon®	Alkyl Polyglucosides non-ionic surfactants
Lavergy®	Enzymes
Lutropur®	Acids
Polyquart®	Polymers
Rheovis®	Thickening Agents
Trilon®	Chelating Agents

We offer a wide range of low-dioxane solutions and are continuously refining our processes to explore even lower dioxane levels.

**For details on specific products,
please contact your account representative.**

* The products listed do not contain ethylene oxide, therefore no 1,4-dioxane is expected.

Special Surfactants

Product	Chemical Nature	Form	Cloud Point [°C]
Basophor® ELH 60 	Castor oil ethoxylate	Liquid	>100 (A)
Dehypound® Advanced†   	Speciality Nonionic Surfactant	Liquid	27 (A)
Dehypound® VTS 	Specialty surfactant; silicone-replacement technology	Liquid	29 (A)
Dehypound® HDG 	Speciality Nonionic Surfactant	Liquid	
Dehypound® M   	Speciality Nonionic Surfactant	Liquid	52
Plurafac® CS-10 	Polycarboxylated Surfactant	Liquid	78 (E)

Note:

Cloud Point (Method A) = 1g active surfactant + 100g water
Cloud Point (Method E) = 5g surfactant + 25g of diethylene glycol monobutyl ether solution (c = 250g/L)
HLB = Hydrophilic-lipophilic balance
Prop. = Proprietary
† = Nonfood use EPA Inert Ingredients
‡ = Food and Nonfood use EPA Inert Ingredients

HLB	Foam Height [mm] Ross Miles (0.1% wt%, 25°C) t = 0 min/5 min*	% Biobased Carbon	Biodegradability Level
16		32	RB
	95 & 35	ask for details	RB
4	20 & 0		RB
	85 & 40		RB
	125 & 120	70	RB
	65 & 15		MB

For biodegradability information, please refer to the Definitions and Test Methods page.

OTHER SURFACTANTS

Product	Chemical Nature	Active Matter [%]
Comperlan® 100 NA  	Cocamide MEA	96
Comperlan® CMEA NA [†]  	Cocamide MEA	min. 87
Comperlan® IP  	Cocamide MIPA	min. 95
Comperlan® KD  	Cocamide DEA	95
Comperlan® LD  	Lauramide DEA	95
Dehyquart® CSP [†]  	Special cationic surfactant	80
Dehyton® AB 30 [†]  	Coco betaine	31
Dehyton® KE UP [†]  	Cocamidopropyl betaine	30
Dehyton® MC  	Sodium cocoamphoacetate	40
Dehyton® PK 45   	Cocamidopropyl betaine	45
Dehyton® SFA 	Blend of cocamidopropyl betaine, disodium 2-sulfolaurate	47
Klearfac® AA 270 [†] 	Phosphate Ester	85
Larostat® 264 A	Cationic antistat additive	35
Texapon® SFA  	Disodium 2-Sulfolaurate	30
Tryfac® 5560-A TDA-6 Phosphate	Tridecyl alcohol phosphate ester	99

Note
† = Nonfood use EPA Inert Ingredients
For biodegradability information, please refer to the Definitions and Test Methods page.

Physical Form [23°C]		pH	% Biobased Carbon	Biodegradability Level
Solid			88	RB
Solid			87	RB
Solid			82	RB
Solid		9 – 11	77	RB
Solid		9 – 10	98	RB
Liquid			59	RB
Liquid			77	RB
Liquid			77	RB
Liquid			66	UB
Liquid			66	RB
Liquid				UB
Liquid				UB
Liquid				PB
Solid			100	RB
Liquid				



One Product Line, Two Excellent Solutions

BASF's Pluriol E (Polyethylene Glycols (PEGs)) products are available with a range of physical properties, making them suitable in a broad array of applications such as: solvents, binders/fillers, lubricants, anti-foam agents, dispersants, and more.

BASF also provides LS grades, for more salt-sensitive applications. These PEGs adhere to a specification for residual sodium and potassium, ensuring that your salt-sensitive formulation remains unaffected and meets the desired standards.



Pluriol® E Line

Solvent, Binder / Filler,
Lubricant, Anti-Foam,
Dispersant, Anti-Static

Pluriol® E LS

Low Salt PEGs better for
salt-sensitive formulations

POLYALKYLENE GLYCOLS

Product	Chemical Nature	Physical Form [23°C]
Pluriol® E 200 [†] 	Polyethylene glycol	Liquid
Pluriol® E 200 LS [†] 	Polyethylene glycol	Liquid
Pluriol® E 300 [†] 	Polyethylene glycol	Liquid
Pluriol® E 300 LS [†] 	Polyethylene glycol	Liquid
Pluriol® E 400 [†] 	Polyethylene glycol	Liquid
Pluriol® E 400 LS [†]  	Polyethylene glycol	Liquid
Pluriol® E 600 [†] 	Polyethylene glycol	Liquid/Solid
Pluriol® E 600 LS [†] 	Polyethylene glycol	Liquid/Solid
Pluriol® E 1000 LS [†] 	Polyethylene glycol	Solid
Pluriol® E 3350 Prill [‡] 	Polyethylene glycol	Prill
Pluriol® E 4000 	Polyethylene glycol	Solid
Pluriol® E 4000 FL [‡] 	Polyethylene glycol	Flake
Pluriol® E 4000 Prill [‡] 	Polyethylene glycol	Prill
Pluriol® E 8000 E [‡] 	Polyethylene glycol	Solid
Pluriol® E 8000 Prill  	Polyethylene glycol	Prill

Note
† = Nonfood use EPA Inert Ingredients
‡ = Food and Nonfood use EPA Inert Ingredients
For biodegradability information, please refer to the Definitions and Test Methods page.

Molecular Weight	Biodegradability Level
approx. 200	UB
approx. 200	UB
approx. 300	RB
approx. 300	RB
approx. 400	UB
approx. 400	UB
approx. 600	UB
approx. 600	UB
approx. 1,000	UB
approx. 3,350	UB
approx. 4,000	PE
approx. 4,000	UB
approx. 4,000	RB
approx. 8,000	PE
approx. 8,000	RB

SPECIALTY ADDITIVES

Biocides

Product	Active
FIFRA Regulated End Use	
Myacide® AS Plus† 	Bronopol
Myacide® GA 50 NA† 	Glutaraldehyde
Myacide® S 30† 	Bronopol

FIFRA Regulated Technical Grade

Myacide® AS Technical† 	Bronopol
Myacide® GDA Technical† 	Glutaraldehyde

Non FIFRA Regulated

Protectol® PE NA 	Phenoxyethanol
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FIFRA = Federal Insecticide, Fungicide, and Rodenticide Act

For biodegradability information, please refer to the Definitions and Test Methods page.

Corrosion Inhibitors

Product	Chemical Nature
Korantin® MAT 	Aliphatic dicarboxylic acid monoalkylamide in triethanolamine

Antioxidants

Product	Chemical Nature
Tinogard® DA	Didodecyl 3, 3'-thiodipropionate
Tinogard® TT	Pentaerythryl Tetra-di-t-butyl Hydroxyhydrocinnamate

Physical Form	Active Matter [%]	Biodegradability Level
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Crystals	99	RB
Liquid	50	RB
Liquid	30	RB

Crystals	99	RB
Liquid	50	RB

Liquid	99.5	RB
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Active Matter [%]	Physical Form	pH	Biodegradability Level
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100	Liquid	8.4 – 9.0 (5% in water)	RB
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Physical Form	Active Matter [%]
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Flakes	≥ 95
Powder	100

WATER SOLUBLE POLYMERS

Dispersing Agents

Product	Chemical Nature	Physical Form	Active Matter [%]	Molar Mass [g/mol]
Sokalan® CP 5 [‡] 	Maleic acid/acrylic acid copolymer, sodium salt	Liquid	40	70,000
Sokalan® CP 5 Granules [‡] 		Granules	92	70,000
Sokalan® CP 9 [‡]	Maleic acid/olefin copolymer, sodium salt	Liquid	25	12,000
Sokalan® CP 10 [‡]	Polyacrylic acid modified, sodium salt	Liquid	45	4,000
Sokalan® CP 10 S	Polyacrylic acid, modified	Liquid	50	4,000
Sokalan® CP 12 S	Maleic acid/acrylic acid copolymer	Liquid	50	3,000
Sokalan® CP 50	Polycarboxylate, sodium salt	Liquid	approx. 40	
Sokalan® PA 15	Polyacrylic acid, sodium salt	Liquid	45	1,200
Sokalan® PA 25 CL Granules [‡] 	Polyacrylic acid, sodium salt	Granules	92	5,500
Sokalan® PA 25 CL PN*	Polyacrylic acid, sodium salt, partially neutralized	Liquid	49	5,500
Sokalan® PA 30 CL [‡]	Polyacrylic acid, sodium salt	Liquid	45	8,000

Note

* = partially neutralized; ** = undiluted, DIN 19268
‡ = Food and Nonfood use EPA Inert Ingredients
For biodegradability information, please refer to the Definitions and Test Methods page.

pH [10% in dist. Water]	Bulk Density [g/L]	Density [g/cm³]	Viscosity [mPa·s]	Biodegradability Level
8		1.3	2,000	PE
8	580			PE
11**		1.10	50	PB
8.5**		1.30	500	PB
2		1.16	150	PB
1.5		1.23	130	MB
5		1.2	350	PB
7		1.31	250	MB
8	600			MB
3.5		1.25	600	MB
8		1.34	1,000	MB

Polyethyleneimines

Product	Chemical Nature	Physical Form	Active Matter [%]	Molecular weight
Lupasol® FG	Polyethyleneimine	Liquid	99	800
Lupasol® G 20 [†]	Polyethyleneimine	Liquid	50	1,300
Lupasol® G 20 [†] Waterfree	Polyethyleneimine	Liquid	99	1,300
Lupasol® G 100 [†]	Polyethyleneimine	Liquid	50	5,000
Lupasol® HF	Polyethyleneimine	Liquid	56	25,000
Lupasol® P [†]	Polyethyleneimine	Liquid	50	750,000
Lupasol® PR 8515 [†]	Polyethyleneimine	Liquid	99	2,000
Lupasol® PS [†]	Polyethyleneimine	Liquid	33	750,000
Lupasol® SK [†]	Modified Polyethyleneimine	Liquid	24	2,000,000
Lupasol® WF [†]	Polyethyleneimine	Liquid	99	25,000

Note:

* = pH [10% in dist. Water]; ** = pH [as is]
† = Nonfood use EPA Inert Ingredients
For biodegradability information, please refer to the Definitions and Test Methods page.

Special Polymers

Product	Chemical Nature	Physical Form	Active Matter [%]	Molar mass [g/mol]
Euperlan® Eco A	Starch/styrene/methacrylic acid copolymer	Liquid	40	
Polyquart® PN 60 	Polyethyleneimine, modified	Liquid	40	
Polyquart® S Granules 	Amphoteric modified starch	Granules	97	

pH [1% in dist. Water]	Density [g/cm³]	Viscosity (mPa·s)	Charge density (meq/g TS)	Biodegradability Level
11	1.02	approx.1,500	16	PB
11	1.08	approx. 1,500	16	PB
11	1.03	approx. 8,000	16	PB
11	1.08	approx.1,100	16	PB
11	1.08	approx. 11,000	17	PB
11	1.09	approx. 25,000	17	MB
11*	1.05	approx. 14,000	16	PB
11**	1.08	approx. 1,700	17	PB
7*	1.06	approx. 475	8	PB
11	1.10	>20,000	17	PB

pH [10% in dist. Water]	Bulk Density [g/L]	Density [g/cm³]	Viscosity [mPa·s]	% Biobased Carbon	Biodegradability Level
4			150	ask for details	MB
4		1.13	500		PE
7	650			ask for details	RB

Product	Chemical Nature	Physical Form	Active Matter [%]	Molar mass [g/mol]
Sokalan® HP 20 	Multifunctional polyethyleneimine	Liquid	80	
Sokalan® HP 30 Booster	Multifunctional polyethyleneimine	Liquid	99	
Sokalan® HP 56 A 	Vinylpyrrolidone/ Vinylimidazole copolymer, modified	Liquid	30	70,000
Sokalan® HP 56 Granules 	Vinylpyrrolidone/ Vinylimidazole copolymer, modified	Granules	95	70,000
Sokalan® HP 66 K	Vinylpyrrolidone/ Vinylimidazole copolymer, modified	Liquid	41	
Sokalan® HP 96 	Quaternated Hexa-methylene diamine, ethoxylated	Liquid	70	
Sokalan® HP 165 [†]	Polyvinylpyrrolidone	Liquid	30	
Sokalan® K 17 P [†]	Polyvinylpyrrolidone	Powder	98	9,000
Sokalan® K 90 P [†]		Powder	98	14,000

Note:

* = pH 1% in dist. Water; ** = undiluted, DIN 19268 † = Nonfood use EPA Inert Ingredients
For biodegradability information, please refer to the Definitions and Test Methods page.

Thickeners

Product	Chemical Nature	Physical Form	Active Matter [%]
Rheovis® AT 120 [†] 	Methacrylic acid/acrylic acid ester copolymer, modified	Dispersion	30

Note:

† = Nonfood use EPA Inert Ingredients

** = undiluted, DIN 19268
all Polymer data are to be seen as approximately values

pH [10% in dist. Water]	Bulk Density [g/L]	Density [g/cm³]	Viscosity [mPa·s]	% Biobased Carbon	Biodegradability Level
10*		1.12 (25 °C)	850 (25 °C)		MB
10-11 (*5% in distilled water)			1,000-1,500		PE
8		1.07	300		PB
8	450				PB
8		1.10	2,000		PB
9.5		1.13	350		PB
3–7					MB
4	450				PB
7	450				PB

‡ = Food and Nonfood use EPA Inert Ingredients

pH	Bulk Density [g/L]	Density [g/cm³]	Viscosity [mPa·s]	Biodegradability Level
3		1.05	30	PE

For biodegradability information, please refer to the Definitions and Test Methods page.

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Labeling

Details about the classification and labeling of our products and further advice on safe handling are contained in the current safety data sheets.

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