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Silver Fern Metallic Stearates

Product	Appearance	Metal %	Free Fatty Acid % Max	Moisture % Max	Softening Point °C	Bulk Density g/cc	Total Ash %	Heavy Metals ppm Max	Mean Particles Size µm	Finess Pass 325 Mesh %	Finess Pass 80 Mesh %
Calcium Stearate											
SAK-CS-P	White Powder	7.4 Max	1.0	3.0	148-160	0.18 typ	9.5-11.5	-	10	99 Min	-
SAK-CS-G	White Granule	6.8 - 7.4	1.0	3.0	148-160	0.65 typ	9.5-11.5	-	-	-	20 Max
SAK-CS-POF	White Powder	6.8 - 7.4	0.5	2.5	148-160	0.18 typ	10.0 Max	-	10	99 Min	-
SAK-CS-GOF	White Granule	6.8 - 7.4	0.5	2.5	148-160	0.65 typ	10.0 Max	-	-	-	20 Max
SAK-CS-PW	White Powder	6.4 - 6.9	0.5	3.0	150-160	0.18 typ	9.2-9.8	-	10	99 Min	-
SAK-CS-PPT	White Powder	6.8 - 7.4	1.0	3.0	148-160	0.18 typ	9.5-11.5	-	10	99 Min	-
SAK-CS-GPT	White Granule	6.8 - 7.4	1.0	3.0	148-160	0.65 typ	9.5-11.5	-	-	-	20 Max
SAK-CS-P/USP	White Powder	6.8 - 7.4	1.0	3.0	148-160	0.18 typ	-	10	10	99 Min	-
Magnesium Stearate											
SAK-MS-P	White Powder	4.0 - 5.0	1.5	5.5	130-150	0.18 typ	7.0 - 9.0	-	10	99 Min	-
SAK-MS-G	White Granule	4.0 - 5.0	1.5	5.5	130-150	0.65 typ	7.0 - 9.0	-	-	-	10 Max
SAK-MS-PLM	White Powder	4.0 - 5.0	2.0	5.5	130 Max	0.18 typ	7.0 - 9.0	-	10	99 Min	-
SAK-MS-PL	White Powder	4.0 - 5.0	2.0	4.0	130-150	0.18 typ	7.0 - 9.0	-	10	99 Min	-
SAK-MS-P/USP	White Powder	4.0 - 5.0	1.0	6.0	130-150	0.18 typ	-	10	10	99 Min	-

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Zinc Stearate											
SAK-ZS-P	White Powder	10.4 - 11.4	0.5	0.5	118-125	0.17 typ	13.0-14.5	-	10	99 Min	-
SAK-ZS-PF	White Powder	10.4 - 11.4	0.5	0.5	118-125	0.17 typ	13.0-14.5	10	10	99 Min	-
SAK-ZS-TG	White Granule	10.4 - 11.4	0.5	0.5	118-125	0.55 typ	13.0-14.5	-	-	-	20 Max
SAK-ZS-POF	White Powder	10.4 - 11.4	0.2	0.2	118-125	0.17 typ	12.5-14.0	-	10	99 Min	-
SAK-ZS-TGOF	White Granule	10.4 - 11.4	0.2	0.2	118-125	0.55 typ	13.0-14.5	-	-	-	20 Max
SAK-ZS-PLB	White Powder	10.4 - 11.4	0.5	0.5	118-125	0.15 typ	13.0-14.5	-	8	99.5 Min	-
SAK-ZS-PLB500	White Powder	10.4 - 11.4	0.5	0.5	118-125	0.13 typ	13.0-14.5	-	6	100	-
SAK-ZS-TPS	White Powder	10.4 - 11.4	1.0	0.5	118-125	0.17 typ	12.5-14.0	-	10	99 Min	-
SAK-ZS-TGPS	White Granule	10.4 - 11.4	1.0	0.5	118-125	0.55 typ	12.5-14.0	-	-	-	20 Max
SAK-ZS-P/USP	White Powder	10.4 - 11.4	0.5	0.5	118-125	0.17 typ	-	10	10	99 Min	-
SAK-ZS-CLB	White Powder	6.6 - 8.6	1.0	1.0	-	0.15 typ	-	-	8	99.5 Min	-
Other Searates											
SAK-LiS-P	White Powder	-	2.0	2.0	200 Min	-	-	-	10	-	-
SAK-NaS-P	White Powder	-	2.0	2.0	200 Min	-	10.0-11.0	-	10	-	-
SAK-NaS-PCP	White Powder	-	2.0	2.0	200 Min	-	10.0-11.0	10	10	-	-
SAK-KS-P	White Powder	-	2.0	4.0	200 Min	-	-	-	10	-	-
SAK-AIS D2-P	White Powder	-	4.5	1.5	150-180	0.26 typ	9.0-12.2	-	-	-	-

Silver Fern Metallic Stearates

Characteristics		Applications														Regulations			
Product		PVC	PE	PP	PS	ABS	Grease	Rubber	Lacquer	Toiletries	Cosmetics	Pharmaceutical	Food	Masterbatch	Wire Drawing	Metallurgy	Kosher	Japan Hygienic Olefin & Styrene Plastic Association	USP
Calcium Stearate																			
SAK-CS-P	General Grade	•					•							•	•		•	•	
SAK-CS-G	General Grade	•															•	•	
SAK-CS-POF	Low FFA, moisture & ash for Polyolefin industry		•	•													•	•	
SAK-CS-GOF	Low FFA, moisture & ash for Polyolefin industry		•	•													•	•	
SAK-CS-PW	High Purity		•	•															
SAK-CS-PPT	Excellent Heat Stability					•													
SAK-CS-GPT	Excellent Heat Stability					•													
SAK-CS-P/USP	Conform to USP									•	•	•	•				•	•	•
Magnesium Stearate																			
SAK-MS-P	General Grade	•	•	•	•	•								•	•		•	•	
SAK-MS-G	General Grade	•	•	•	•	•											•	•	
SAK-MS-PLM	Low Softening Point	•	•	•	•	•								•			•	•	
SAK-MS-PL	Low Moisture	•	•	•	•	•											•	•	
SAK-MS-P/USP	Conform to USP									•	•	•	•				•	•	•

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		PVC	PE	PP	PS	ABS	Grease	Rubber	Lacquer	Toiletries	Cosmetics	Pharmaceutical	Food	Masterbatch	Wire Drawing	Metallurgy	Kosher	Japan Hygienic Olefin & Styrene Plastic Association	USP
Zinc Stearate																			
SAK-ZS-P	General Grade	•				•	•							•			•	•	
SAK-ZS-PF	General Grade	•				•	•							•			•	•	
SAK-ZS-TG	General Grade	•				•											•	•	
SAK-ZS-POF	Low FFA & moisture for Polyolefin industry		•	•													•	•	
SAK-ZS-TGOF	Low FFA & moisture for Polyolefin industry		•	•													•	•	
SAK-ZS-PLB	For Wood Lacquer								•								•	•	
SAK-ZS-PLB500	For Premium Wood Lacquer								•								•	•	
SAK-ZS-TPS	For Transport Application				•														
SAK-ZS-TGPS	For Transport Application				•														
SAK-ZS-P/USP	Conform to USP									•	•	•					•	•	•
SAK-ZS-CLB	For Wood Lacquer								•										
Other Stearate																			
SAK-LiS-P	General Grade						•							•					•
SAK-NaS-P	General Grade			•			•												•
SAK-NaS-PCP	Cosmetic/Toiletries Grade						•												•
SAK-KS-P	General Grade					•													•
SAK-AIS D2-P	General Grade						•								•				•