



## SODIUM AND POTASSIUM SOAPS

### INDEX OF TECHNICAL DATA

12/2008

sodium soaps	product description	applications	fatty acid content (%)	bulk density (g/l)	humidity (%)	acid value*** (mg KOH/g)	saponification*** value (mg KOH/g)	iodine value*** (gJ <sub>2</sub> /100g)	Titer *** (°C)
LIGA Sprühseife POC*	powder soap based on palm and coco fatty acid	base material for toilet soaps, detergents, etc.	88 - 92	200 - 300	max. 2,5	210 - 222	211 - 225	40 - 52	35 - 40
LIGA Sprühseife IS*	powder soap based on tallow fatty acid	production of detergents, emulsifier, lubricant for metal processing	88 - 92	170 - 270	max. 2,5	202 - 207	203 - 209	50 - 70	36 - 39
LIGA Sprühseife GS*	powder soap based on tallow and coco fatty acid	raw material for the production of toilet soaps, detergents, emulsifiers, etc.	88 - 92	220 - 320	max. 2,5	205 - 215	207 - 218	44 - 60	32 - 38
LIGA Nadelseife K 78	needle soap based on tallow fatty acid	lubricant for metal processing, emulsifier	78 - 80	450 - 650	max. 15	202 - 205	203 - 209	50 - 70	36 - 39

\* regarding particle size, all powder soaps are available in two different grades (F = fine grade, M = medium grade)

sodium and potassium oleate	product description	applications	fatty acid content (%)	bulk density (g/l)	humidity (%)	acid value*** (mg KOH/g)	saponification*** value (mg KOH/g)	iodine value*** (gJ <sub>2</sub> /100g)	cloud point*** (°C)
LIGAPHOB N 90	sodium oleate 90 %, in powder form	reactive hydrophobic agent for the building industry, emulsifier, separating agent, lubricant	88 - 92	140 - 260	max. 4	199 - 204	200 - 205	90 - 95	max. 10
LIGA Natriumoleat 60	sodium oleate 60 %, in paste form	application as lubricant, emulsifier, reactive hydrophobic agent, etc.	58 - 62	-	max. 35	199 - 204	200 - 205	90 - 95	max. 10
LIGA Kaliumoleat 90	potassium oleate 90 %, in powder form	reactive hydrophobic agent for the building industry, emulsifier, separating agent, lubricant, stabilizer for plastics	87 - 90	200 - 300	max. 3	199 - 204	200 - 205	90 - 95	max. 10
LIGA Kaliumoleat 20	potassium oleate 20 %, liquid	base material for detergents, emulsifiers, separating agents, etc.	18 - 22	-	max. 78	199 - 204	200 - 205	90 - 95	max. 10

sodium and potassium stearate	product description	applications	fatty acid content (%)	bulk density (g/l)	humidity (%)	acid value*** (mg KOH/g)	saponification*** value (mg KOH/g)	iodine value*** (gJ <sub>2</sub> /100g)	Titer *** (°C)
LIGA Natriumstearat R/D	sodium stearate 90 %, in powder form	stabilizer for plastics, thickener for alcohol, emulsifier, etc.	88 - 92	250 - 350	max. 2,5	195 - 205	198 - 208	max. 3	52 - 54
LIGA Natriumstearat G	sodium stearate 90 %, low dust grade	stabilizer for plastics, thickener for alcohol, emulsifier, etc.	88 - 92	300 - 400	max. 5	195 - 205	198 - 208	max. 3	52 - 54
LIGA Sodium Stearate FPC	sodium stearate 90 %, in powder form, derived from vegetable fatty acid	gelatizing agent, opacifier and emulsifier, etc.	88 - 92	300 - 350	max. 2	195 - 210	198 - 213	max. 2	54 - 58
LIGA Kaliumstearat R/D	potassium stearate 90 %, in powder form	stabilizer for plastics, thickener for alcohol, emulsifier, etc.	87 - 90	250 - 350	max. 1,5	195 - 205	198 - 208	max. 3	52 - 54
LIGA Kaliumstearat Granulat	potassium stearate 90 %, in granular form	stabilizer for plastics, thickener for alcohol, emulsifier, etc.	82 - 85	300 - 400	max. 6,5	195 - 205	198 - 208	max. 3	52 - 54
LIGA Potassium Stearate FPC	potassium stearate 90 %, in powder form, derived from vegetable fatty acid	Emulsifier, tenside and cleansing element, etc.	-	-	max. 2,0	194 - 210	198 - 213	max. 2	54 - 58

\*\*\* data of the fatty acid applied