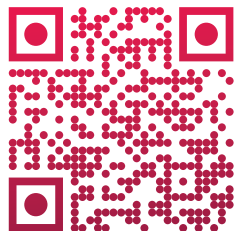




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FATTY AMINES

NAME	CAS.NO	BRAND NAME	APPEARANCE	TOTAL AMINE VALUE mg KOH/g	% PRIMARY AMINE	IODINE VALUE, gl2/100g	APPLICATION
Coco amine	61788-46-3	IAL CAD	Colorless to pale yellow liquid	270 – 290	99 Min	12 Max	Wetting agent & enhance coating
Oleyl amine	1213789-63-9	IAL OAD	Colourless to pale yellow liquid	200 – 215	99 Min	80 Min	Antistatic agent & surfactant
Lauryl amine	124-22-1	IAL LAD	Colourless to pale yellow liquid	295 – 304	99 Min	3.0 Max	Secondary surfactant & hard surface cleaning

FATTY AMINE ETHOXYLATES

NAME	CAS.NO	BRAND NAME	APPEARANCE	COLOR (GARDENER)	TOTAL AMINE VALUE mg KOH/g	pH, (1% Aq.Solution)	APPLICATION
Oleyl amine 2 EO	26635-93-8	INDO EMUL OA-2	Yellowish to brown viscous liquid	8 Max	145 – 155	8.0 - 11.0	Acid thickener & emulsifier
Oleyl Amine Ethoxylate 2 (Low Temp)	25307-17-9	INDOCID OA 2 W	Yellowish to brown viscous liquid	-----	-----	7.0 - 8.0	Acid thickener & emulsifier
Oleyl Amine 15 EO	26635-93-8	INDOEMUL OA 15	Yellowish to brown viscous liquid	10 Max	53 – 63	8.0 – 11.0	Wetting & Foaming agent

FATTY ALCOHOL ETHOXYLATES

NAME	CAS.NO	BRAND NAME	APPEARANCE	COLOR (APHA)	HYDROXYL VALUE, mgKOH/g	pH, 5 % in DISTILLED WATER	APPLICATION
Lauryl alcohol 8 EO	68439-50-9	IAL LA 8	Colorless to pale yellow clear to turbid liquid	50 Max	95 – 115	5.5 – 7.5	Wetting agent & hard surface cleaners
Lauryl alcohol 10 EO	68439-50-9	IAL LA 10	Pale yellow to yellow Liquid to Semi solid paste	50 Max	85 – 100	5.5 – 7.5	Foaming agent
Styrenated phenol 15 EO	104376-75-2	IAL SP 15	Pale yellow to brown viscous liquid	6 Max	-----	6.0– 8.0	Emulsifier & Cleaning agent
Nonyl Phenol 1.5 EO	9016-45-9	IAL NP 1.5	Colorless to pale yellow viscous liquid	50 Max	190 – 200	6.0– 8.0	Cleaners & degeasers
Nonyl Phenol 4 EO	9016-45-9	IAL NP 4	Color less to Pale yellow viscous liquid	50 Max	132 – 150	6.0– 8.0	Cleaners & degeasers
Nonyl Phenol 8 EO	9016-45-9	IAL NP 8	Color less to Pale yellow viscous liquid	50 Max	90 – 103	6.0– 8.0	Raw material - laundry and dish detergent
Nonyl Phenol 11 EO	9016-45-9	IAL NP 11	Color less to Pale yellow viscous liquid	50 Max	75 - 90	6.0– 8.0	Raw material - laundry and dish detergent
Nonyl Phenol 12 EO	9016-45-9	IAL NP 12	Color less to Pale yellow viscous liquid	50 Max	70 – 80	6.0– 8.0	Cleaners & degeasers
Nonyl Phenol 14 EO	9016-45-9	IAL NP 14	Liquid to paste color less to pale yellow	50 Max	60 – 75	6.0– 8.0	Cleaners & degeasers
Nonyl Phenol 30 EO	9016-45-9	IAL NP 30	White to creamy white solid / Flakes	50 Max	30 - 45	6.0– 8.0	Raw material - laundry and dish detergent

OTHER ETHOXYLATES

NAME	CAS.NO	BRAND NAME	APPEARANCE	ACID VALUE, mgKOH/g	HYDROXYL VALUE, mgKOH/g	SAPONIFICATION VALUE, mgKOH/g	APPLICATION
Polysorbate 20	9005-64-5	IAL PSB 20	Pale yellow to Amber colored viscous liquid	2.0 Max	96 – 108	40 – 50	Stability enhancer & solubilizer

OTHER ETHOXYLATES

NAME	CAS.NO	BRAND NAME	APPEARANCE	COLOR, PtCo	PURITY % (BY GC)	FREE PHENOL, PPM (BY HPCL)	APPLICATION
2-Phenoxyethanol 5 ppm	122-99-6	IAL 2PENOL 5	Colorless clear Viscous Liquid	20 Max	99.5 % Min	5 ppm Max	Preservative
2-Phenoxyethanol 10 ppm	122-99-6	IAL 2PENOL 10	Colorless clear Viscous Liquid	20 Max	99.5 % Min	10 ppm Max	Preservative
2-Phenoxyethanol 20 ppm	122-99-6	IAL 2PENOL 20	Colorless clear Viscous Liquid	20 Max	99.5 % Min	20 ppm Max	Preservative
2-Phenoxyethanol 25 ppm	122-99-6	IAL 2PENOL 25	Colorless clear Viscous Liquid	20 Max	99.5 % Min	25 ppm Max	Preservative

AMPHOTERIC SURFACTANTS

NAME	CAS.NO	BRAND NAME	APPEARANCE	COLOR (GARDENER)	ACTIVE MATTER (%)	pH, in 10 % SOLUTION	APPLICATION
Cocoamido propyl betaine -36%	61789-40-0	COCOAMIDO PROPYL BETAINE-36%	Colourless to light yellow liquid	2 Max	29 – 31	5.0 – 7.0	Foam booster, viscosity builder, thickening agent

QUATERNARY AMMONIUM SALT

NAME	CAS.NO	BRAND NAME	APPEARANCE	ACTIVE MATTER (%)	pH, in 10 % SOLUTION	APPLICATION
Dodecyltrimethyl amine oxide	1643-20-5	IAL LDMAO 30 %	Colorless to pale yellow liquid	29 – 31	6.5 – 8.5	Foam stabilizers
Cetyl trimethyl ammonium chloride	112-02-7	IAL QUAT P 25	Colorless to Pale Yellow liquid	24.0 Min	6.5 – 8.5	Topical antiseptic & Surfactant
Benzalkonium chloride 50%	63449-41-2	BKC 50	Colorless to yellow color liquid	49.5 – 50.5	6.5 – 8.5	Disinfectant & surface cleaners
Benzalkonium chloride 80%	63449-41-2	BKC 80	Colorless to yellow color liquid	78 – 82	6.5 – 8.5	Disinfectant & surface cleaners

OTHER

NAME	CAS.NO	BRAND NAME	APPEARANCE	COLOR	PURITY % (BY GC)	APPLICATION
Ethylhexylglycerine	70445-33-9	IAL EHG	Clear colorless liquid	30.0 Max (APHA)	98.0 % Min	Preservative