

CONDOM CHEMICALS - SUPPLY TO PEROORKADA FACTORY, TRIVANDRUM (PFT); KANAGALA FACTORY, BELGAUM (KFB) & IRAPURAM FACTORY, COCHIN

Sl. No.	Item	Specification	Qty. in kg		
			PFT	BGM	IFC
1	Ammonia Gas	Anhydrous, Comm. Grade as per IS 662(1981) Purity as NH% by weight : 99.5 %(min) Moisture as HO% by weight : 0.5% (max) Oil content: 10 ppm (max)	225000	80,000	NIL
2	Defoaming Agent	Chemical name - Silicone Defoamer Appearance - Milky white liquid Active content(%)-27%min.by wt specific gravity - 1+/- 0.1 PH value - 4 - 7 Emulsion stability -Good or a slight layer formation at the top, which disappears on gentle shaking	30,000	8800	270
3	Non standing rubber antioxidant	1. Chemical name : Butylated reaction product of P-cresol & Cyclopentadiene 2. CAS.NO. : 68610-51-5 3. Appearance : Free flowing, cream coloured powder 4. Ash : 3 % max 5. Melting point : 95 oC min. 6. Moisture (at 100 0 C for 2 hrs) : 0.5 % max 7. Residue on sieve (100 mesh) : 0.5 % max 8. Residue on sieve (200 mesh) : 1.0 % max 9. Butylation (%) : 18.0 min 10. Toluene insoluble (%) : 0.50 max 11. First order transition temperature (0C) : 84.0 min"	12000	2800	2400
4	Anti Sticking agent	Chemical name :Alkyl trimethyl ammonium chloride. Appearance: Clear colourless to light yellow colour liquid. Solid Content in % : 31 minimum pH (1% aqueous solution) : 6.5 -8.0 Solubility in water :Completely soluble in water at all concentrations Specific gravity : 1 +/-0.1 Free amine content in % : 1 maximum . Amine salt content in % : 1 maximum Assay of alkyl trimethyl ammonium chloride in %: 30 minimum	38000	15000	15840
5	LMC	Colour and appearance - A very light White, colourless and almost tasteless powder. Magnesium oxide percent w/w - 40-45 Residue on 200 mesh(%) - Nil	35000	NIL	NIL

6	Zinc Oxide	Appearance - White powder Zinc Oxide Content - 99% min .by wt. Ignition Loss - 1% max. by wt. Insoluble matter against HCl - 0.1% max.	22000	5200	4200
7	Precipitated Silica	Appearance : White fine powder Specific gravity : 2.2 max. PH value (5% slurry) : 6 – 9 Heating loss : 4% Max. by weight at 100°C Ignition loss : 7.5% Max. at 900°C for 2 Hr	275000	75000	92400
8	Casein	1. Appearance - White / Slight Yellow 2. Fat - 5% max. by wt. 3. Ash - 4% max. by wt. 4. Moisture - 12% max. by wt.	2750	640	525
9	Emulan OG	1. colour - White powder 2. Melting point(C)- 45 to 50 C 3. pH (1% in water)- 6.0 - 7.5 4. Content(%) - approximately 100 %.	1700	300	270
10	Chloroform	Commercial Grade	275	NIL	185
12	HCL	1. Appearance - Transparent liquid 2. Content (total acidity) - 30% min.	4750	NIL	975
13	Non Ionicsurfactant	Alkyl aryl polyether 1) Physical appearance - Colourless/ light yellow transparent liquid 2) Ionic nature - Non ionic 3) Cloud point - 61+/-3 deg C(1% aqueous solution) 4) pH of 1% - 6-7.5 (aqueous solution) 5) Specific gravity - 1.059+/-0.005 at 25 deg.C 6) Solubility in water - very soluble 7) % solids - 98+/- 2%	1500	NIL	400
14	Pilcure S 5	1. Physical form - Liquid 2. Colour - Reddish Brown 3. Density mg/m3 - 0.99+/-0.02 4. Solubility - One part dissolves in two parts water.On further dilution turns cloudy.	9000	2800	2100
15	SDBC 45%	1. Appearance - Pale yellow solution 2. Content - 45 +/- 0.5 3. Specific gravity - 1.07 - 1.09 4. pH - 9 min.	4600	1200	825

16	Sulphur	1. Appearance - light yellow powder 2. Moisture - 1% max 3. Residue on 100 mesh sieve (%) - 0.05max 4. Residue on 200 mesh sieve(%) - 3.5 max 5. Ash content - 1% max 6. Sulphur content (purity) - 99%min.	28500	5600	4620
17	Tamol	1. Appearance : Brown Powder. 2. Moisture: 10% max. 3. pH (1% solution) : 6.5 min. 4. Moisture : 10.0% max. 5. Solubility : Soluble in water (Chemical Name - Sodium salt of naphthalene sulphonic acid)	350	80	70
18	TSP	Formula -Na ₃ PO ₄ Molecular weight - 163.941 1. Appearance - White granules 2. pH(1% solution) - 11.5 - 12.5 3. Cleanliness - must be clean from dirt particles	45000	7000	NIL
19	Hydrated Lime	Available Lime as Ca(OH) ₂ - 60% MIN.	1000	NIL	NIL
20	Ferric Chloride	1. Relative density at 25oC - Min.1.46 2. Ferric chloride (as FeCl ₃) - 43 %by weight, Min. 3. Insoluble matter,percent by weight - Max. 0.05	225000	NIL	NIL
21	Sodium Hypochlorite	AVAILABLE CHLORINE 50 GPL MIN Available chlorine (as Cl), percent by mass by volume - 5.0 min.	5000	NIL	NIL
22	Silicone Emulsion	1. Colour - milky white emulsion 2. Specific gravity (at 25deg.C) - 0.980 to 1.000 3. pH (at25deg.C) - 6.50 to 8.50 4. Solid content (Non volatile content) - 35.5 to 38.0%	9500	NIL	NIL

23	Pigment	<p>RED FINE PASTE - 551 (FDA APPROVED). 1) pH (1:100 Dilution) - 6 - 8 2) Colour Matching - Should match with reference sample. 3) Colour fastness - No staining on the filter paper.</p> <p>RED FINE PASTE - 535 (FDA APPROVED/Schedule Q). 1) pH (1:100 Dilution) - 6 - 8 2) Colour Matching - Should match with reference sample. 3) Colour fastness - No staining on the filter paper.</p> <p>FINE PASTE VIOLET - 591 (FDA APPROVED). 1) pH (1 : 100 Dilution) - 6 - 8 2) Colour Matching - Should match with reference sample. 3) Colour fastness - No staining on the filter paper.</p> <p>FINE PASTE GREEN - 631 (FDA APPROVED). 1) pH (1: 100 Dilution) - 6 - 8 2) Colour Matching - Should match with reference sample. 3) Colour fastness - No staining on the filter paper.</p>	800	70	235
----	---------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----	----	-----