

IPCC : The Edible oil Refining Co. Ltd.

B017

Waste Streams

1. Liquid waste stream about 10,800/12200m³ of water with a pH of 6.5/10.0 and having the following substances.

20 01 30	Soap	0.53 / 0.64 mg/L	6000 kgs
20 01 99	Waxes	0.08 / 0.11 mg/L	95 kgs
20 01 99	Glycerine	0.63 / 0.85 mg/l	95000 kgs
20 01 99	Carotene	0.042 / 0.064 mg/L	350 kgs
20 01 25	Oils/Fats	0.63 / 0.85 mg/L	6000 kgs
20 01 05	Caustic	5 mg/L	9000 kgs
20 01 04	Acids	2.3 mg/L	1600 kgs

Production period is taken over a period of 192 working days.

2. 20 01 99 Bleaching earth about 40 tons per annum

3. Raw materials Packaging – plastic and paper

20 01 01 - About 260 paper sacks 3 ply = 260 kgs

20 01 39 - About 400 PE bags = 300 kgs

20 01 39 - About 850 20 ltr PE jerrycans = 1080 kgs

20 01 40 - Metal drums (17.2 kg empty weight) 2352 = 40454 kgs

4. Methanol recovery is done through the extraction and vacuum drying system and is re-used in total in the process.