

Environmental Standards

Effluent

EDIBLE OIL & VANASPATI INDUSTRY

Parameter	Concentration not to exceed
Temperature	Not more than 5° c above ambient temperature of the recipient waterbody.
PH	6.5-8.5
Suspended solids	150 mg/l
Oil & grease	20 mg/l
BOD at 27°C, 3 days	100 mg/l
COD	200 mg/l
Wastewater discharge	
(i) Solvent extraction	2.0 m3/tonne of product oil
(ii) Refinery/vanaspati (refined oil/vanasapti)	2.0 m3/tonne of product
(iii) Integrated unit of solvent extraction & refinery /vanaspati	4.0 m3/tonne of refinedoil/Vanaspati produced
(iv) Warometric cooling water/deodoriser wateroil/ vanasapti	15.0 m3/tonne of refined

Note :

1. The above standards will be applicable to wastewater from processes and cooling.
2. BOD shall be made stringent upto 30 mg/l if the recipient fresh water body is a source of drinking water supply.
3. The standards for boiler emissions shall be applicable as notified under GSR 176(E), April 2, 1996.

Source : EPA Notification
[GSR 176(E) April 2, 1996]