



ايشيدكو
ETHYDCO

ADVANCENETM
BY ADVANCED PE TECHNOLOGY

Raffinate 1

Raffinate 1

PRODUCTION:

Raffinate 1 is produced by Gas (Petroleum) Steam Cracked Ethylene .

DESCRIPTION:

Raffinate 1 is a Clear ,slightly yellow to dark amber liquid, easily flammable liquid, with a characteristic sharp odour due to aromatics and it represents a mixture of light hydrocarbons.

SPECIFIED PROPERTIES:

No.	PROPERTY	TEST METHOD	UNIT	VALUE
1	Density (relative) on 20 °C	ASTM D 4052	kg/m ³	min 850, max 950
2	Distillation	ASTM D 68	C°	min 60
	Initial Boiling Point			
	Final Boiling point			max 340
3	Total Sulphur content	ASTM D 5453	ppm (m/m)	max 200
4	Total aromates content	ASTM D 5580	% (m/m)	min 80
				max 60
	<u>Benzene content</u>			max 25
	<u>Toluene content</u>			max 0.2
5	<u>Ethylbenzene content</u>	ASTM D 6563	% (m/m)	
	<u>Xylenes content</u>			
	<u>C9 and heavier than C9 content</u>			
				max 5
				max 20

The values given in the table used only as information.

APPLICATION:

It is mostly used as disolvent, as a feedstock for aromatic extraction

STORAGE:

Raffinate 1 is stored in vertical cylindrical tanks with fix roofs and floating aluminum membrane. These tanks have installed local indicators of temperature and level.

TRANSPORTATION:

To some destinations, Raffinate 1 is transported by railway or by river, in special tanks according to standards for transportation of flammable liquids.