



ايشيدكو  
**ETHYDCO**

**ADVANCENE**<sup>TM</sup>  
BY ADVANCED PE TECHNOLOGY

**Raffinate 2**

## Product Details

Trade Name: Raffinate 2

Chemical Family: Gas (petroleum), light steam-cracked, butadiene

## Physical Properties

Density: 0.855-0.875 (20 °C/ 68 °F)

Flash Point: -21.7 °C (-7.1 °F)

Boiling Point: 40 - 175 °C

Vapor Pressure: 4 – 6 Psi (37.8 °C)

Appearance: Colorless liquid with hydrocarbon odor

## Marpol Details

IMO Ship Type: 2G/2PG

OSHA Hazards: Flammable liquid  
Moderate skin irritant  
Severe eye irritant  
Carcinogen  
Teratogen

## TRANSPORT INFORMATION

### CFR

Proper shipping name : PETROLEUM DISTILLATES, N.O.S.  
UN-No. : 1268  
Class : 3  
Packing group : II  
Hazard inducer : (Raffinate 2; Low boiling point)

### TDG

Proper shipping name : PETROLEUM DISTILLATES, N.O.S.  
UN-No. : UN1268  
Class : 3  
Packing group : II  
Hazard inducer : (Raffinate 2; Low boiling point)

## IATA Cargo Transport

UN UN-No. : UN1268  
 Description of the goods : PETROLEUM DISTILLATES, N.O.S. (Raffinate 2; Low boiling point)  
 Class : 3  
 Packaging group : II  
 ICAO-Labels : 3  
 Packing instruction (cargo aircraft) :368  
 Packing instruction (cargo aircraft) :Y341

### COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Weight %
Raffinate 2; Low boiling point	8030-30-6	100%
Benzene	71-43-2	55 - 65%
1,2,4-Trimethylbenzene And C9+ Aromatics	95-63-6	15 - 20%
Heptane [and isomers]	142-82-5	5 – 10 %
Toluene	108-88-3	3 – 5 %
N-hexane	110-54-3	1 - 2%
Xylene	1330-20-7	0.2 -1 %
Cyclohexane	110-82-7	0.5 -1%
Pentane	109-66-0	0.1 – 0.5%
Ethylbenzene	100-41-4	0.1 – 0.5%

## USAGE

Petrochemical industry, but can also be useful in gasoline blending

Reforming or petrochemical uses

Reforming or production of gasoline components like reformat aromatics.

## Safety Information and Incident Reporting

**Safety Information:** Refer the SDS (Safety Data Sheet) or e-SDS.

**Incident Reporting:** All incidents should be reported in accordance with regulations and charter party requirements. For additional marine cargo handling advice or information, contact the regional Chemical Marine Technical Advisor.