

TETRAETHYLAMMONIUM HYDROXIDE, 35% AQUEOUS PRODUCT # 440

Description: Aqueous Tetraethylammonium Hydroxide is a colorless to light yellow liquid

Structural Formula: (CH₃CH₂)₄NOH

Formula Weight: 147.3

$$\begin{pmatrix} C_{2}H_{5} \\ I \\ C_{2}H_{5} - N - C_{2}H_{5} \\ I \\ C_{2}H_{5} \end{pmatrix} + OH$$

Sales Specifications:

ATTRIBUTE	MIN	MAX
Assay, wt%	34.5	35.5
X (Halide as Chloride), ppm		2000
Fe (Iron), ppm		2
K + Na (Potassium + Sodium), ppm		0.35
Color (APHA)		100

Physical Properties:

PROPERTY	RESULTS*
Form	Liquid
Boiling Point, deg C	102.0
Freezing Point, deg C	< -25
Specific Gravity @ 20 deg C	1.02
Flashpoint (Pensky Martens), deg F	> 170
рН	> 13
Odor	Amine

*Results based on actual analysis of product; numbers may vary slightly from lot to lot

Japan :: 5-6-27 Mizuhai, Higashi Osaka 578-00921 Tel: +81 729 64 4300 Fax: +81 729 64 4301 The Netherlands:: Van Voordenpark 15, 5301 KP Zaltbommel Tel: +31 418 68 2000 Fax: +31 418 68 2082 USA:: 821 E. Woodward Street, Austin, TX 78704 Tel: +1 512 444 3626 Fax: +1 512 445 5066



Shipping Information:

Containers

55 gallon HDPE drums Tote Tanks Bulk Tank Truck

Shipping Classification

Proper Shipping Name: Caustic Alkali Liquids, n.o.s., (Tetraethylammonium hydroxide), 8, UN1719, PGII

Identification number: UN1719
Hazard Classification: Corrosive

Chemical Registration Numbers

CAS 77-98-5 EINECS 201-073-3 TSCA listed