



TIPA

Triisopropanolamine 85%

INTRODUCTION

Isopropanolamine is a hydroxylamine compound with organic amine and hydroxyl; as well it is a general expression of Monoisopropanolamine (MIPA), Diisopropanolamine (DIPA), Triisopropanolamine (TIPA).

Chemical Name: 1,1',1''-Nitrilotri-2-propanol

CAS No.: 122-20-3

PRODUCT SPECIFICATION

TIPA Content:	85.0% Min.
MIPA and DIPA Content:	3.0% Max.
Water Content:	10.0% - 15.0%
Appearance:	Colorless to light yellow liquid
Structure Formula:	C ₉ H ₂₁ NO ₃

PHYSICAL AND CHEMICAL CHARACTERISTICS

Physical Form(25°C):	Liquid
Color:	Colorless to light yellow
Freezing Point:	3-8°C
Boiling Point:	104-107°C
Smelling:	Very light ammoniac odor
Flash Point:	Min.154°C on dry base
Specific Gravity (25/4°C):	1.027
Viscosity (25°C):	400-500cps

APPLICATIONS

Cement & Concrete	Improves the grinding efficiency resulting in energy savings; prevents from agglomeration or
-------------------	--

	clumping; as water reducing agent.
Rubber curing	Chain terminator in isoprene polymerization.
Polyurethane	Used as Cross-linker to improve PU foam quality.
Metal working	Used to improve corrosion protection, antioxidant.

PACKING Packed in iron drum, net weight 215kg. Isotank and IBC packing are also available or can be specified according to customer's requests.

STORAGE Shelf time of TIPA 85% is one year , and after then it could still be available once has passed a chemical test.

SAFETY & TOXICITY

Generally present no toxicity, alkalescency but do not irritate skin.

Higher flashing point, it should be prevented the material from spilling into the eyes while handling.

Revision date: 2018-1-2

CONTACT INFORMATION

Nanjing HBL International Co., Ltd.

Tel: +86 25 5839 0057/61/62, 8778 7911

Fax: +86 25 58390088

Website: www.hongbaoli.com