

**F E C T**

## FAR-EAST CHEMICAL TRADING CO., LTD.

PROPALACE-AZUCHIMACHI-BUILDING,  
4<sup>TH</sup> FL.-C,1-6-19,AZUCHIMACHI, CHUO-KU,  
OSAKA, 541-0052, JAPAN

TEL : ++81-6-6262-2764  
FAX : ++81-6-6262-2765  
E-MAIL : [trade@fect.co.jp](mailto:trade@fect.co.jp)

**D I P A**

Diisopropanolamine 90%

### 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' -Iminodi-2-Propanol

CAS No.: 110-97-4

### PRODUCT SPECIFICATION

DIPA Content:	90.0% Min.
MIPA and TIPA Content:	1.0% Max
Water Content:	10.0% Max.
Appearance:	Colorless to light yellow liquid
Structure Formula:	$C_6H_{15}NO_2$

### PHYSICAL AND CHEMICAL CHARACTERISTICS

Physical Form(25°C):	Liquid
Color:	Colorless to light yellow
Melting Point:	20°C
Boiling Point:	116°C
Smelling:	Very light ammoniacal odor
Flash Point:	136°C on dry base
Specific Gravity (25/4°C):	1.01

### APPLICATIONS

Gas treating	Elimination of undesirable hydrogen sulfide from natural gas and refinery off-gas.
Detergent	Powerful detergent with very weak harm to skin.

Drug	Material of intermediate.
Processing of Rubber	Make improvements to quality of plastic and plastic.

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## **PACKING**

Packed in iron drum, net weight 200kg. Isotank container is also available or can be specified according to customer's requests.

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## **STORAGE**

Shelf time of DIPA 90% is two years, and after then it could still be available once has passed a chemical test.

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## **SAFETY & TOXICITY**

Generally present no toxicity, alkalescence but do not irritate skin.  
Higher flashing point, it should be prevented the material from spilling into the eyes while handling.

Revision date: 2015-11-16