



Empirical Formula $\text{C}_8\text{H}_{19}\text{N}$
 Molecular Weight 129.25
 CAS # 111-92-2

Chemical Synonym

DNBA

Physical & Chemical behaviour

Di-n-Butylamine (DNBA) is available as a colorless liquid with an ammonia odor.

Specifications

Specification property	Specification limits			Analytical method
	UNIT	MIN	MAX	
Di-n-butylamine	Wt %	99.0		CM-88-88
Water	Wt %		0.2	CM-91-88
Color	APHA		15	94-CM-081
Mono-n-butylamine	Wt %		0.1	CM-88-88
Tri-n-butylamine	Wt %		0.2	CM-88-88
N-Butanol	Wt%		0.2	CM-88-88

Physical properties

Property	Value
Liquid Density	
lb/gal@68°F	6.34
g/ml@20°C	0.76
Freezing Point	
°F@1atm	<-58
°C@1atm	<-50
Vapor Pressure mm Hg	
@68°F	2
kPa@20°C	0.22
Vapor Pressure mm Hg	
@104°F	6
kPa@40°C	0.82
Normal Boiling Point	
°F	313.17
°C	156.21
Critical Temperature	
°F	613.20
°C	322.89
Critical Pressure	
Atm	25.00
kPa	2533
Flash Point, Closed Cup	
°F	108.5
°C	42.50
kPa	11.25
Latent Heat of Vaporization Btu/lb	
@1atm J/G	134.22
@1atm	312.19

Applications

- Rubber Accelerator
- Pesticides
- Alkylalkanolamines
- Corrosin Inhibitor Chemicals
- Catalyst for Thermoplastics
- Tetrabutyl Urea
- Lube Oil Additives

Labeling

See Material Safety Data Sheet

Transport regulations

See Material Safety Data Sheet

Toxicology / Ecotoxicology

See Material Safety Data Sheet

Characteristics

See Material Safety Data Sheet

For further questions please contact our regional sales departments

For Europe, Middle-East and Africa

Taminco N.V.

Pantserschip Str. 207
B-9000 Gent - **BELGIUM**

☎ +32(9)2541010

☎ +32(9)2541468

Taminco GmbH

Am Haupttor, Bau 8314
D-06237 Leuna - **GERMANY**

☎ +49(3461)434502

☎ +49(3461)436444

For the Americas

Life Science

Taminco, Inc.

1303 Boyd Avenue, N.W.
Atlanta, Georgia 30318 - **USA**

☎ +1-404-351 3340/3324

☎ +1-404-351 3347

Taminco Amines, Inc

Taminco Higher Amines, Inc.

Two Windsor Plaza Suite 411
7540 Windsor Dr.

Allentown, PA 18195 - **USA**

☎ +1 610 366 6730

For Brasil

**Taminco do Brasil Comércio e
Indústria de Aminas Ltda.**

Rua Nafta, 717 - Pólo Petroquímico
42810-210 -Camaçari -Bahia - **BRASIL**

☎ +55-71-3642-8340

☎ +55-71-3642-8399

For Asia-Pacific

Taminco NV Shanghai

Representative Office
B-1609, Far East International Plaza
319 Xian Xia Road;
200051, Shanghai, **China**

☎ +8621-51097998

☎ +8621-62351382

Taminco NV Malaysia Re. Office

Unit B-117, Block B, 1st Floor,
Kelana Square, No 17, Jalan SS7/26
Kelana Jaya, 47301, Petaling Jaya
Selangor 47301, **Malaysia**

☎ +603-74944 866 / 69

☎ +603-74944 859

Taminco NV (Phil)

No 69, Ormoc Street
Alabang Hills Village
Alabang, Muntinlupa City, 1771
Philippines

☎ +632-8500765, 8500494

☎ +632-8500947

Taminco NV India Liaison Office

506, Samartha Vaibhav
Off New Link Road
Oshiwara, Andheri - West,
Mumbai 400053, **India**

☎ +9122-2635 0627 / 8 (GL)

☎ +9122-2635 0629

Taminco N.V.

Japan Representative office
1-4-12-201 koraku, bunkyo-ku ,
Tokyo 112-0004, **Japan**

☎ +81-3-6902-1035

☎ +81-3-6902-1036/8

Please visit also our website: www.taminco.com

March 2007

Technical Data sheet 51176/03-2007

Supersedes TDS 51176/10-2006

Site of Manufacture : Pace, FL 32571 - USA

Legal notice

The information contained in the present notice represents our best knowledge in this domain without constituting any express or implied guarantee or warranty of any kind and without resulting in any responsibility for Taminco N.V. whatsoever. Taminco N.V. declines all responsibility in cases where the use by the client of the information communicated constitutes a violation of an intellectual property right of which a third party is the holder. It is expressly provided that Taminco N.V. is the sole owner of the intellectual property rights relating to the information communicated.
It is expressly provided that the information relating to the use of the products is given for information purposes only. No guarantee is provided to the client that the product is adapted to the specific use for which it is intended by the client. The client should perform his own tests to determine the suitability for a particular purpose. Our only intention is to rapidly provide the user with information on the various application possibilities of our products, it being understood that the client should adapt the information to the specific conditions of their use and to the characteristics of other products with which they are mixed. 4/93.