

Ethyl Chemicals
Group

MATERIAL SAFETY DATA SHEET

FOR EMERGENCIES ONLY - Phone 504-344-7147**For Nonemergency Health and Safety Information Phone 504-388-7717**

(P)

18.0.2

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PRODUCT IDENTIFICATION

PRODUCT NAME: DIPA
CHEMICAL NAME: 2,6-diisopropylaniline
CAS NO.: Mixture.
CHEMICAL FORMULA: (C₃H₇)₂ C₆H₃NH₂

THIS MATERIAL IS IN COMPLIANCE WITH
THE TOXIC SUBSTANCES CONTROL ACT (15
USC 2601 - 2629).

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SUMMARY OF HAZARDS

See "Other Health Effects."

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HAZARDOUS COMPONENTS

CHEMICAL NAME	CAS NO.	NOTE+	EXPOSURE LIMIT
2,6-diisopropylaniline	24544-04-5	NL	Not established by OSHA/ACGIH.
2,4-diisopropylaniline	79069-41-3	NL	Not established by OSHA/ACGIH.

+NOTE: Carcinogenicity listing of components at concentrations
greater than or equal to 0.1% indicated by: @=NTP; #=IARC;
&=OSHA; *=OTHER; NL=Not Listed

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CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE/ODOR: Clear liquid/faint pleasant odor.
BOILING POINT: 257C/496F.

08/07/90

Ethyl Corporation - Chemicals Group

Ethyl Tower 451 Florida Blvd., Baton Rouge, LA 70801

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CHEMICAL AND PHYSICAL PROPERTIES (Con't)

VAPOR PRESSURE: <0.01 mm Hg @ 20C/68F.
SOLUBILITY IN WATER: <0.02 wt. % @ 25C/77F.
SPECIFIC GRAVITY: 0.94

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FIRE AND EXPLOSION HAZARDS

FLASH POINT(METHOD): 117C/243F (PMCC).
FLAMMABLE LIMITS: Not established.
EXTINGUISHING MEDIA: Dry chemical, water spray (fog), foam
or carbon dioxide.
HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:
Include oxides of carbon and nitrogen.
SPECIAL FIRE FIGHTING PROCEDURES:
Avoid breathing smoke and vapor.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
None known.

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REACTIVITY DATA

STABILITY: Stable.
CONDITIONS-TO AVOID: Extremely high temperature.
MATERIALS TO AVOID: Strong oxidizing agents, acids, acid
chlorides and anhydrides,
chloroformates, light and air
sensitive materials.
HAZARDOUS POLYMERIZATION:
Will not occur.

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HEALTH HAZARDS

INHALATION: Not expected to be a primary route of exposure.

EYE CONTACT: Not expected to be an eye irritant.

SKIN CONTACT: Not expected to be a skin irritant.

INGESTION: Not expected to be acutely toxic.
See "OTHER HEALTH EFFECTS".

CHRONIC EFFECTS OF OVEREXPOSURE:
None known.

OTHER HEALTH EFFECTS: Overexposure to alkylated anilines may result in methemoglobinemia. Symptoms of methemoglobinemia include weakness and decrease in respiratory rate. Coma and gradual respiratory failure may occur in extreme cases. Cyanosis may occur (lips and fingernails turn blue).

TOXICITY DATA: ORAL LD50 = 3,350 mg/kg. DERMAL LD50 = 10,300 mg/kg.

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EMERGENCY FIRST AID PROCEDURES

INHALATION: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention.

EYE CONTACT: Begin immediate eye irrigation with cool water.

SKIN CONTACT: Wash contaminated areas with soap and water. Wash clothing before reuse.

INGESTION: Induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give

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ENVIRONMENTAL PROTECTION (Con't)

DISPOSAL METHODS: management practice and in compliance
 with applicable local, state and
 federal regulations.

STORAGE REQUIREMENTS: No special storage required.

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SUPERSEDES: 04/26/90

MSDS prepared by: Health & Environment Department
 Ethyl Corporation

FOR ADDITIONAL NONEMERGENCY MSDS INFORMATION, CONTACT:

HEALTH AND ENVIRONMENT DEPARTMENT
ETHYL CORPORATION
451 FLORIDA ST.
BATON ROUGE, LA. 70801
(504) 388-7717

THIS MATERIAL SAFETY DATA SHEET CONTAINS AT LEAST
THE INFORMATION REQUIRED BY THE FEDERAL OSHA HAZARD
COMMUNICATION RULE, 29 CFR 1910.1200(g) (2).