

Material Safety Data Sheet

4-(2,5-Diethoxy-4-nitrophenyl)morpholine, 97%

Section 1 - Chemical Product and Company Identification

MSDS Name:

4-(2,5-Diethoxy-4-nitrophenyl)morpholine, 97%

Catalog Numbers:

BTB13392DA, BTB13392EA

Synonyms:

Company Identification:

Maybridge plc
Trevillet
Tintagel
Cornwall, England, PL34 0HW

Company Phone Number:

+44(0)1840770453

Emergency Phone Number:

+32 14 57 52 99

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name:	Percent	EINECS/ ELINCS
86-16-8	4-(2,5-Diethoxy-4-nitrophenyl)morpholin e	97%	201-653-6

Risk Phrases:

Hazard Symbols: XI



Risk Phrases: 36/37/38

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Irritating to eyes, respiratory system and skin.

Potential Health Effects

Eye:

Causes eye irritation.

Skin:

Causes skin irritation. May be harmful if absorbed through the skin.



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Ingestion:

May cause irritation of the digestive tract. May be harmful if swallowed.

Inhalation:

Causes respiratory tract irritation. May be harmful if inhaled.

Chronic:

No information found.

Section 4 - First Aid Measures

Eyes:

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin:

Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion:

Get medical aid. Wash mouth out with water.

Inhalation:

Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician:

Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Extinguishing Media:

Use water spray, dry chemical, carbon dioxide, or chemical foam.

Autoignition Temperature:

No information found.

Explosion Limits:

Lower: Upper:

Flash Point:

No information found.

Section 6 - Accidental Release Measures

General Information:

Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Vacuum or sweep up material and place into a suitable disposal container.



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Section 7 - Handling and Storage

Handling:

Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

Storage:

Store in a cool, dry place. Store in a tightly closed container.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Personal Protective Equipment

Eyes:**Skin:**

Wear appropriate protective gloves to prevent skin exposure.

Clothing:

Wear appropriate protective clothing to prevent skin exposure.

Respirators:

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

Section 9 - Physical and Chemical Properties

Physical State: Solid

Color: orange

Odor: No information found.

pH: No information found.

Vapor Pressure: No information found.

Viscosity: No information found.

Boiling Point: No information found.

Freezing/Melting Point: 139 - 141°C

Decomposition Temperature: No information found.

Solubility in water: No information found.

Specific Gravity/Density: No information found.

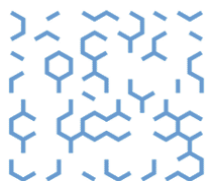
Molecular Formula: C₁₄H₂₀N₂O₅

Molecular Weight 296

Section 10 - Stability and Reactivity

Chemical Stability:

No information found.



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Conditions to Avoid:

Incompatible materials.

Incompatibilities with Other Materials

Oxidizing agents.

Hazardous Decomposition Products

Nitrogen oxides, carbon monoxide, carbon dioxide.

Hazardous Polymerization

Has not been reported

Section 11 - Toxicological Information

RTECS:

CAS# 86-16-8 unlisted.

LD50/LC50:

CAS# 86-16-8:

No information found.

Carcinogenicity:

CAS# 86-16-8: Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP, OSHA, or CA Prop 65.

Other:

The toxicological properties have not been fully investigated.

Section 12 - Ecological Information

No information found.

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information

	IATA	IMO	RID/ADR
Proper Shipping Name:	No information found.	No information found.	No information found.
Hazard Class:			
UN Number:			
Packing Group:			II

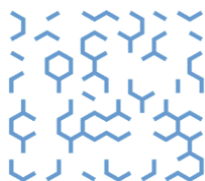
Section 15 - Regulatory Information

European/International Regulations

European Labelling in Accordance with EC Directives:

Hazard Symbols: XI

Risk Phrases: R 36/37/38 Irritating to eyes, respiratory system and skin.



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Safety Phrases: S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 37/39 Wear suitable gloves and eye/face protection.

WGK (Water Danger/Protection)

No information found.

United Kingdom Occupational Exposure Limits

No information found.

United Kingdom Maximum Exposure Limits

No information found.

Canadian DSL/NDSL

CAS# 86-16-8 is listed on Canada's NDSL List.

Canadian WHMIS Classifications

This product does not have a WHMIS classification.

Canadian Ingredient Disclosure List

No information found.

Exposure Limits

No information found.

US Federal

TSCA

CAS# 86-16-8 is listed on the TSCA Inventory.

Section 16 - Other Information

MSDS Creation Date: June 10, 2003

Revision Date: Original.

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