

2,4-DIAMINOANISOLE

1578
April 2005

CAS No: 615-05-4
RTECS No: BZ8580500
UN No: 3077
EC No: 612-200-00-0

1,3-Benzenediamine, 4-methoxy-
4-Methoxy-3-phenylenediamine
4-Methoxy-m-phenylenediamine
C.I. Oxidation Base 12
C₇H₁₀N₂O
Molecular mass: 138.19

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
FIRE	Combustible.	NO open flames.	Powder, water spray, foam, carbon dioxide.
EXPLOSION			

EXPOSURE	See EFFECTS OF LONG-TERM OR REPEATED EXPOSURE.	AVOID ALL CONTACT!	
Inhalation		Local exhaust or breathing protection.	Fresh air, rest.
Skin	MAY BE ABSORBED!	Protective gloves. Protective clothing.	Remove contaminated clothes. Rinse and then wash skin with water and soap.
Eyes		Face shield or eye protection in combination with breathing protection.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
Ingestion		Do not eat, drink, or smoke during work.	Rinse mouth. Refer for medical attention.

SPILLAGE DISPOSAL	PACKAGING & LABELLING
Personal protection: chemical protection suit including self-contained breathing apparatus. Sweep spilled substance into sealable containers. Do NOT let this chemical enter the environment.	T Symbol N Symbol R: 45-22-68-51/53 S: 53-45-61 Note: E UN Hazard Class: 9 UN Pack Group: III

EMERGENCY RESPONSE	SAFE STORAGE
Transport Emergency Card: TEC (R)-90GM7-III	Separated from strong oxidants Well closed.

IMPORTANT DATA**Physical State; Appearance**

COLOURLESS SOLID IN VARIOUS FORMS

Chemical dangers

The substance decomposes on heating producing toxic fumes including nitrogen oxides. Reacts with strong oxidants.

Occupational exposure limits

TLV not established.

MAK: skin absorption (H); Carcinogen category: 2; (DFG 2004).

Routes of exposure

The substance can be absorbed into the body through the skin and by ingestion.

Inhalation risk

No indication can be given about the rate in which a harmful concentration in the air is reached on evaporation of this substance at 20/C.

Effects of long-term or repeated exposure

This substance is possibly carcinogenic to humans.

PHYSICAL PROPERTIES

Melting point: 68/C

Solubility in water: miscible

Relative vapour density (air = 1): 4.77

ENVIRONMENTAL DATA**NOTES**

Do NOT take working clothes home.

ADDITIONAL INFORMATION**LEGAL NOTICE**

Neither the EC nor the IPCS nor any person acting on behalf of the EC or the IPCS is responsible