

N-NITROSODIPHENYLAMINE**0526**

November 2003

CAS No: 86-30-6
RTECS No: JJ9800000Diphenylnitrosamine
N-Nitroso-N-phenyl benzenamine
N-nitroso-N-phenylaniline
Nitrous diphenylamide
C₁₂H₁₀N₂O
Molecular mass: 198.2

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
FIRE	Combustible. Gives off irritating or toxic fumes (or gases) in a fire.	NO open flames.	Foam, powder, carbon dioxide.
EXPLOSION			
EXPOSURE			
Inhalation		Local exhaust or breathing protection.	Fresh air, rest. Refer for medical attention.
Skin		Protective gloves.	Remove contaminated clothes. Rinse and then wash skin with water and soap.
Eyes		Safety goggles.	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

Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting. Do NOT let this chemical enter the environment.

PACKAGING & LABELLING**EMERGENCY RESPONSE****SAFE STORAGE**

Separated from strong oxidants. Store in an area without drain or sewer access.

IPCSInternational
Programme on
Chemical SafetyPrepared in the context of cooperation between the International
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IMPORTANT DATA

Physical State; Appearance

YELLOW FLAKES

Chemical dangers

The substance decomposes on burning producing nitrogen oxides. Reacts vigorously with oxidants.

Occupational exposure limits

TLV not established.

MAK: Carcinogen category: 3B (DFG 2006).

Routes of exposure

The substance can be absorbed into the body by ingestion.

Inhalation risk

Evaporation at 20/C is negligible; a harmful concentration of airborne particles can, however, be reached quickly when dispersed.

PHYSICAL PROPERTIES

Boiling point: 101/C
Melting point: 66.5/C
Density: 1.23 g/cm³

Solubility in water: none
Octanol/water partition coefficient as log Pow: 2.57-3.13

ENVIRONMENTAL DATA

The substance is toxic to aquatic organisms. Bioaccumulation of this chemical may occur in fish. It is strongly advised that this substance does not enter the environment.

NOTES

Insufficient data are available on the effect of this substance on human health, therefore utmost care must be taken.
Card has been partially updated in August 2007: see Occupational Exposure Limits, Environmental Data, Storage.

ADDITIONAL INFORMATION

LEGAL NOTICE

Neither the EC nor the IPCS nor any person acting on behalf of the EC or the IPCS is responsible for the use which might be made of this information