

**OCTADECYLAMINE****1365**  
April 2005CAS No: 124-30-1  
RTECS No: RG41500001-Octadecanamine  
1-Aminooctadecane  
Stearamine  
Stearylamine  
C<sub>18</sub>H<sub>39</sub>N  
Molecular mass: 269.5

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
<b>FIRE</b>	Combustible. Gives off irritating or toxic fumes (or gases) in a fire.	NO open flames.	Powder, water spray, foam, carbon dioxide.
<b>EXPLOSION</b>			

EXPOSURE			
<b>Inhalation</b>	Cough. Sore throat.	Local exhaust or breathing protection.	Fresh air, rest.
<b>Skin</b>	Redness. Pain.	Protective gloves.	Rinse and then wash skin with water and soap.
<b>Eyes</b>	Redness. Pain.	Safety goggles.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
<b>Ingestion</b>		Do not eat, drink, or smoke during work.	Rinse mouth. Give plenty of water to drink.

SPILLAGE DISPOSAL	PACKAGING & LABELLING
Personal protection: P2 filter respirator for harmful particles. Sweep spilled substance into sealable containers. Carefully collect remainder, then remove to safe place.	

EMERGENCY RESPONSE	SAFE STORAGE
	Separated from acids, acid anhydrides, acid chlorides and oxidants.

**IMPORTANT DATA****Physical State; Appearance**

WHITE FLAKES, WITH CHARACTERISTIC ODOUR.

**Chemical dangers**

The substance decomposes on burning producing toxic fumes including nitrogen oxides. The solution in water is a weak base. Reacts with acids, acid anhydrides, acid chlorides and oxidants.

**Occupational exposure limits**

TLV not established.  
MAK not established.

**Routes of exposure**

The substance can be absorbed into the body 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 short-term exposure**

The substance is irritating to the eyes, the skin and the respiratory tract.

**PHYSICAL PROPERTIES**

Boiling point: 346.8/C  
Melting point: 52.9/C  
Density: 0.86 g/cm<sup>3</sup>

Solubility in water: very poor  
Flash point: 148/C c.c.  
Octanol/water partition coefficient as log Pow: 7.7

**ENVIRONMENTAL DATA****NOTES**

Environmental effects from the substance have not been investigated.

**ADDITIONAL INFORMATION****LEGAL NOTICE**

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