Use proper personal protective equipment as indicated in Section 8. Spills/Leaks:
Absorb spill with inert material (e.g. vermiculite, sand or earth), place in suitable container. Remove all sources of ignition.
Provide ventilation.
Handling:
Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Ground and bond containers when transferring material, if possible. Use non-sparking tools. Get medical advice/attention if you feel unwell.
Storage:
Keep away from sources of ignition. Store in a cool, dry, well-ventilated area away from incompatible substances. Flammable- area.
Engineering Controls:
Use explosion-proof ventilation equipment. 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.

Physical / Chemical Properties

Physical State: Liquid
Color: Clear, Colorless
Odor: Aromatic
pH: Alkaline in sol.
Vapor Pressure: 3 mm Hg @ 20 deg C
Vapor Density: 4.0
Evaporation Rate: >1 (ether-l)
Vapor Range: 250 deg F (121.12°C)
Freezing/Melting Point: 76 deg F (57.0°C)
Decomposition Temperature: Not available
Soluble in water: Not soluble
Specific Gravity/Density: 0.777 (water=1)
Molar Volume: 116.21
Molecular Weight: 116.21

Chemical Stability: Stable under normal temperature and pressures.
Conditions to Avoid: High temperatures, ignition sources.
Incompatibilities with Other Materials: Strong oxidizing agents, strong acids.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.

Hazardous Polymerization: Has not been reported.

Toxicological Information

RTECS:
CAS: 110-18-9: KV757500
LD50/IC50:
RTECS: CAS 110-18-9: Daisey test, rabbit: 750 mg
Sensitization, rat: LC50 = 141 mg/4h; Oral, mouse:
LD50 = 630 mg/kg; Oral, rat: LD50 = 590 mg/kg; Skin, rabbit:
LD50 = 590 mg/kg;
Carcinogenicity: Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Epidemiology:
4,656
Edema of the epithelium of the cornea, generally without pain, has been produced by amine vapors, causing colored halos to be seen around lights, usually in the evening, after industrial exposure to the vapors of various amines.

Teratogenicity: Not available
Reproductive: Not available
Neurotoxicity: Not available
Mutagenicity: Not available

Other: Not available
Section 12 - Ecological Information

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

US DOT

Section 13 - Disposal Considerations

Section 14 - Transport Information

US Federal

TSCA

CAS# 110-18-9 is listed on the TSCA Inventory.
None of the chemicals are on the Health & Safety Reporting List.
None of the chemicals are on the DOT Health Hazard List.

Section 15 - Regulatory Information

EPA

Clean Air Act:
This material does not contain any hazardous air pollutants.
This material does not contain any Class 1 Ozone depletors.
This material does not contain any Class 2 Ozone depletors.

Clean Water Act:
None of the chemicals in this product are listed as Hazardous Substances under the CWA.
None of the chemicals in this product are listed as Priority Pollutants under the CWA.

OSHA

STATE:
1,2-Di-(dimethylamino)ethane can be found on the following state right to know lists: New Jersey.

California Prop 65
California No Significant Risk Level:
None of the chemicals in this product are listed.

European/International Regulations
European Labeling in Accordance with EC Directives
Hazard Symbols: F C
Risk Phrases:
- 11 Highly Flammable
- 20/22 Harmful by Inhalation and if swallowed.

Safety Phrases:
- 16 Keep away from sources of ignition - No smoking.
- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
- 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

MDG Water Danger/Protection
CAS# 110-18-9: 1
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MDG contains all of the information required by those regulations.

CAS# 110-18-9 is listed on Canada's Ingredient Disclosure List