N-METHYLANILINE

(CAUTION	IARY RESPO	NSE INFORMATION		4. FIRE HAZARDS	7. SHIPPING INFORMATION		
Common Synonyms Aniinomethane N-Methylaminobenzene Methylamine (mono) Methylphenylamine Keep people away. Avoid contact with liquid.			Yellow to light brown Chemical odor in water. d.		 4.1 Flash Point: 175°F C.C. 4.2 Flammable Limits in Air: Currently not available 4.3 Fire Extinguishing Agents: Dry cherrical, foam, carbon dioxide 4.4 Fire Extinguishing Agents Not to Be Used: Water may be ineffective. 4.5 Seciel Macardo ef Comburtion 	 7.1 Grades of Purity: Technical; Pure, 99+% 7.2 Storage Temperature: Ambient 7.3 Inert Atmosphere: No requirement 7.4 Venting: Open 7.5 IMO Pollution Category: Currently not available 7.6 Ship Type: Currently not available 7.7 Bergen Hull Type: Currently and the purity of th		
Call fire dep Notify local	partment. health and pol	llution control agencie	95.		4.5 Special Hazards of Combustion Products: Toxic vapors are generated when heated.			
Fire	Combustible. POISONOUS GASES MAY BE PRODUCED IN FIRE. Wear goggles and self-contained breathing apparatus. Extinguish with dry chemicals, foam or carbon dioxide. Water may be ineffective on fire. Cool exposed containers with water.				 4.6 Behavior in Fire: Currently not available 4.7 Auto Ignition Temperature: Currently not available 4.8 Electrical Hazards: Currently not available 4.9 Burning Rate: 3.65 mm/min. 	8. HAZARD CLASSIFICATIONS 8.1 49 CFR Category: Keep Away From Food 8.2 49 CFR Class: 6.1 8.3 49 CFR Package Group: III 8.4 Marine Pollutant: No 8.5 NFPA Hazard Classification: Not listed		
Exposure	CALL FOR MEDICAL AID. LIQUID Irritating to skin and eyes. Harmful if swallowed. Remove contaminated clothing and shoes. Flush affected areas with plenty of water. IF IN EYES, hold eyelids open and flush with plenty of water.				 4.10 Adiabatic Flame Temperature: Current not available 4.11 Stoichometric Air to Fuel Ratio: 48.8 (calc.) 4.12 Flame Temperature: Currently not available 4.13 Combustion Molar Ratio (Reactant to Product): (2.5 (calc.) 	IV 8.6 EPA Reportable Quantity: Not listed. 8.7 EPA Pollution Category: Not listed. 8.8 RCRA Waste Number: Not listed. 8.8 RCRA Waste Number: Not listed 8.9 EPA FWPCA List: Not listed 9. PHYSICAL & CHEMICAL PROPERTIES		
	IF SWALLOWED and victim is CONSCIOUS, have victim drink water or milk. IF SWALLOWED and victim is UNCONSCIOUS OR HAVING				4.14 Minimum Oxygen Concentration for Combustion (MOCC): Not listed	9.1 Physical State at 15° C and 1 atm: Liquid 9.2 Molecular Weight: 107.2		
Water Pollution	CONVULSIONS, do nothing except keep victim warm. Effect of low concentrations on aquatic life is unknown. Fouling to shoreline. May be dangerous if it enters water intakes. Notify local health and wildlife officials. Notify operators of nearby water intakes.				5. CHEMICAL REACTIVITY 5.1 Reactivity with Water: No reaction 5.2 Reactivity with Common Materials: Ma attack some forms of plastics 5.3 Stability During Transport: Stable	 9.3 Boiling Point at 1 atm: 384.6°F = 195.9°C = 469.1°K 9.4 Freezing Point: -71°F = -57°C = 216°K 9.5 Critical Temperature: 802.4°F = 428°C = 701.2°K 9.6 Critical Pressure: 754 psia = 51.3 atm = 5.20 MN/m² 		
					5.5 Polymerization: Not pertinent	9.7 Specific Gravity: 0.989 at 20°C (liquid) 9.8 Liquid Surface Tension: 39.6 dynes/cm =		
1. CORRECTIVE RESPONSE ACTIONS Stop discharge Contain Collection Systems: Skim Chemical and Physical Treatment: Absorb Clean shore line			 CHEMICAL DESIGNATIO CG Compatibility Group: Not Ii Formula: Cał-kh/HCHa IMO/UN Designation: Not listed DOT ID No.: 2294 CAS Registry No.: 100-61-8 NAERG Guide No.: 153 Standard Industrial Trade Clas 51454 	DNS sted. ssification:	5.6 Inhibitor of Polymerization: Not pertinent 6. WATER POLLUTION 6.1 Aquatic Toxicity: Currently not available 6.2 Waterfowl Toxicity: Currently not available 6.3 Biolocical Oxygen Demand (BOD):	10.0396 N/m at 20°C 9.9 Liquid Water Interfacial Tension: Currently not available 9.10 Vapor (Gas) Specific Gravity: 3.70 9.11 Ratio of Specific Heats of Vapor (Gas): Not pertinent 9.12 Latent Heat of Vaporization: 180 Btu/lb = 100 cal/g = 4.20 X 10° J/kg 9.13 Heat of Computsion: -16.350 Btu/lb =		
 HEALTH HAZARDS Personal Protective Equipment: Approved respirator; rubber gloves; splash proof goggles Symptoms Following Exposure: Inhalation causes dizziness and headache. Ingestion causes blush discoloration (cyanosis) of lips, ear lobes, and fingernail beds. Liquid irritates eyes. Absorption through skin produces same symptoms as for ingestion. Treatment of Exposure: INHALATTON: remove vicitm to fresh air and call a physician at once; administer oxygen until physician arrives. INGESTION: give large amount of water; get medical attention at once. EYES or SKIN: flush with plenty of water for at least 15 min.; if cyanosis is present, shower with soap and warm water, with special attention to scalp and finger nails; remove any contaminated clothing. TU TWA: 0.5 nom 				s uuses blush ussorption ponce; it medical nosis is ails; remove	Currently not available 6.4 Food Chain Concentration Potential: None 6.5 GESAMP Hazard Profile: Bioaccumulation: - Damage to living resources: -BC2 Human Cral hazard: 1 Human Contact hazard: X Reduction of amenities:	-9,085 cal/g = -380.1 X 10 ⁵ J/kg 9.14 Heat of Decomposition: Not pertinent 9.15 Heat of Solution: Not pertinent 9.16 Heat of Polymerization: Not pertinent 9.17 Heat of Fusion: Currently not available 9.18 Limiting Value: Currently not available 9.19 Reid Vapor Pressure: Currently not available		
 TLV-STEL: Not TLV-STEL: Not TV: Cilling: No. Toxicity by Inge Toxicity by Inge Toxicity by Inde <li< th=""><th>listed. stion: Currer lation: Currer y: Currently no itant Charact Characterist d: Currently no 0 ppm A: 2 ppm EL: Not listed tilsted</th><th>tty not available ntly not available. ot available eristics: Currently not ava ot available d.</th><th>t available aliable</th><th></th><th></th><th></th></li<>	listed. stion: Currer lation: Currer y: Currently no itant Charact Characterist d: Currently no 0 ppm A: 2 ppm EL: Not listed tilsted	tty not available ntly not available. ot available eristics: Currently not ava ot available d.	t available aliable					

N-METHYLANILINE

9.20 SATURATED LIQUID DENSITY		9.21 LIQUID HEAT CAPACITY		9.22 LIQUID THERMAL CONDUCTIVITY		9.23 LIQUID VISCOSITY	
Temperature (degrees F)	Pounds per cubic foot	Temperature (degrees F)	British thermal unit per pound-F	Temperature (degrees F)	British thermal unit inch per hour-square foot-F	Temperature (degrees F)	Centipoise
34 36 38 40 42 44 46 48 50 52 54 56 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84	62.680 62.570 62.510 62.460 62.400 62.350 62.290 62.230 62.180 62.120 62.070 62.010 61.960 61.960 61.790 61.740 61.680 61.570 61.510 61.460 61.400 61.350 61.290	34 36 38 40 42 44 46 48 50 52 54 56 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84	0.510 0.510	51 52 53 54 55 56 57 58 59 60 61 62 63 64 66 64 66 66 67 71 71 73 74 75 76	1.282 1.282	55 60 75 80 95 90 95 100 105 110 115 120	2.833 2.633 2.283 2.131 1.991 1.862 1.744 1.636 1.535 1.443 1.358 1.279 1.206

9.24 SOLUBILITY IN WATER		9.25 SATURATED VAPOR PRESSURE		9.26 SATURATED VAPOR DENSITY		9.27 IDEAL GAS HEAT CAPACITY	
Temperature (degrees F)	Pounds per 100 pounds of water	Temperature (degrees F)	Pounds per square inch	Temperature (degrees F)	Pounds per cubic foot	Temperature (degrees F)	British thermal unit per pound-F
	-Νςοιυβιε	120 130 140 150 160 170 200 210 220 230 240 250 260 250 260 270 280 290 300 310 320 330 340 350 350 360 370	0.041 0.058 0.081 0.111 0.203 0.269 0.353 0.458 0.589 0.749 0.945 1.182 1.467 1.807 2.210 2.685 3.241 3.888 4.637 5.500 6.489 7.617 8.898 10.350 11.980	120 130 140 150 160 170 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 350 360 370	0.00070 0.00098 0.00135 0.00135 0.00244 0.00322 0.00420 0.00543 0.00693 0.00878 0.01101 0.01368 0.01101 0.01368 0.01687 0.02508 0.03625 0.03625 0.03625 0.03625 0.03625 0.03625 0.03625 0.03625 0.03625 0.03611 0.05111 0.07045 0.08206 0.09512 0.12610 0.12610 0.12410		NOT PERTIZEZT