## **NEOHEXANE**

Common Synonyms       Liquid       Colorless       Gasoline-like odor         2,2-Dimethylbutane       Floats on water.       Floats on water.       Floats on water.         Floats on water.       Floats on water.       Floats on water.       Floats on water.         Keep people way.       Shut off ignition sources.       Call fire department.         Notify local health and pollution control agencies.       Protect water intakes.         Fire       FLAMMABLE.       Containers may explode in fire.         Containers may explode if ignited in an enclosed area.       Vapor may explode if ignited in an enclosed area.         Vater may be ineffective on fire.       Cool exposed containers with water.         Cool exposed containers with water.       Cool exposed containers with water.         Cool exposed containers with water.       Cool exposed containers (through end containers (through
Evacuate.       Keep people away.         Keep people away.       Shut off ignition sources. Call fire department.         Notify local health and pollution control agencies.       Protect water intakes.         Fire       FLAMMABLE.         Containers may explode in fire.       FLAMMABLE.         Vapor may explode if ignited in an enclosed area.       Vapor may explode if ignited in an enclosed area.         Water may be ineffective on fire.       Cool exposed containers with water.         Cool exposed containers with water.       Cool exposed containers with water.         Call for medical aid.       VAPOR         VAPOR       VAPOR         Vapor may explode aid.       VAPOR         Vapor may explode aid.       VAPOR         Vation to may age and threat       4.13 Combustion Molar Ratio (Reactant to product) all (calc.)
Fire       FLAMMABLE. Containers may explode in fire. Flashback along vapor trail may occur. Vapor may explode if ignited in an enclosed area. Extinguish with dry cherricals, foarn or carbon dioxide. Water may be ineffective on fire. Cool exposed containers with water.       4.8 Electrical Hazards: Currently not available         Exposure       Call for medical aid. VAPOR       4.1 Addo grinton reinpleature. 79 P
Exposure         Call for medical aid.         4.12 Flame Temperature: Currently not available           VAPOR         4.13 Combustion Molar Ratio (Reactant to Product): 13.0 (calc.)
If inhaled will cause diziness, coughing, or difficult breathing. Move victim to fresh air. If breathing has stopped, give artificial respiration. If breathing has stopped, give artificial respiration.
In Dreadming is diricult, give oxygen.       5. CHEMICAL REACTIVITY         LIQUID       Iritiating to skin and eyes.       5.1 Reactivity with Water: No reaction         If swallowed will cause nausea, or vomiting.       5.2 Reactivity with Common Materials: No reaction         Flush affected areas with plenty of water.       5.3 Stability During Transport: Stable         IF IN EYES, hold eyelids open and flush with plenty of water.       5.4 Neutralizing Agents for Acids and Caustics: Not pertinent         DO NOT INDUCE VOMITING.       5.5 Polymerization: Not pertinent
Water Pollution         Effect of low concentrations on aquatic life is unknown. Fouring to shoreline.         6. WATER POLLUTION           May be dangerous if it enters water intakes. Notify local health and wildlife officials. Notify operators or nearby water intakes.         6.1 Aquatic Toxicity: Currently not available           6.2 Waterfowl Toxicity: Currently not available         6.2 Waterfowl Toxicity: Currently not available
1. CORRECTIVE RESPONSE ACTIONS       2. CHEMICAL DESIGNATIONS       Currently not available         Dilute and disperse       2.1 CG Compatibility Group: Not listed.       Currently not available         Stop discharge       2.1 CG Compatibility Group: Not listed.       Currently not available         Collection Systems: Skim       2.3 IMOUN Designation: 3.1/1208       6.4 Food Chain Concentration Potential: None         Collection Systems: Skim       2.5 CAS Registry No: 75-83-2       6.5 GESAMP Hazard Profile: Not listed         Contaminated       2.5 CAS Registry No: 75-83-2       2.6 NAERG Guide No.: 128         Chemical and Physical Treatment: Burn; Absorb       51114
<ul> <li>9.1 Personal Protective Equipment: Ar-supplied apparatus or organic vapor cartridge; goggles or face shield rober gloves.</li> <li>3.2 Symptoms Following Exposure: Inhalation causes duziness, nausea, and vomiting; concentrated vapor may cause unconclosuress and collapse. Contact with liquid causes irritation of eyes; repeated contact may produce irritation, ragidy developing pulmonary edema, and central nervous system excitement followed by depression.</li> <li>3.3 Treatment of Exposure: INALATION: remove from exposure; if breathing has stopped, begin artificial respiration; call a physician. TPES: flush with water for 15 mn; call physician if needed. SKIN: flush will what what need rol 15 mn; call physician if needed. SKIN: flush will what water. INCESTION: do NOT induce vorting; guard against aspiration into lungs; call a doctor. ASPIRATION: enforce bed rest; give oxyger; git medical attention.</li> <li>3.4 TU-VTWA: 500 ppm</li> <li>3.5 TU-VSTE: 1,000 ppm</li> <li>3.6 TU-V-Celling: Not listed.</li> <li>3.10 Ovapro (Gas) Irritant Characteristics: Currently not available</li> <li>3.11 Qoid in Paschold: Currently not available</li> <li>3.12 Odor Threshold: Currently not available</li> <li>3.13 Ovapro (Gas) Irritant Characteristics: Currently not available</li> <li>3.13 Osha PEL-STEL: Ixol listed.</li> <li>3.16 OSHA PEL-STEL: Ixol listed.</li> <li>3.16 OSHA PEL-STEL: Ixol listed.</li> <li>3.17 EPA AEGL: Not listed.</li> </ul>



<sup>9.18</sup> Limiting Value: Currently not available 9.19 Reid Vapor Pressure: Currently not available

DTES

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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 58 60 62 64 66 68 70 72 74 76 78 80 82 84	41.690 41.620 41.550 41.480 41.410 41.270 41.270 41.270 41.270 41.270 41.070 40.330 40.650 40.790 40.720 40.650 40.650 40.650 40.510 40.650 40.510 40.510 40.300 40.230 40.230 40.230 40.300 40.230 40.300 40.5000 40.5000 40.5000 40.5000 40.5000 40.5000 40.5000 40.50000 40.50000000000	34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 66 68 70 72 74 76 78 80 82 84	0.502 0.503 0.504 0.505 0.507 0.508 0.510 0.511 0.511 0.512 0.513 0.514 0.515 0.517 0.518 0.520 0.521 0.522 0.522 0.522 0.525 0.527 0.528 0.529 0.530	72 74 76 78 80 82 84 86 88 90 92 94 96 98 100 102 104 106 108 110 112 114 116	0.705 0.702 0.700 0.698 0.693 0.691 0.689 0.687 0.684 0.682 0.678 0.678 0.673 0.671 0.669 0.667 0.664 0.665 0.655 0.655	34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 66 68 70 72 74 76 78 80 82 84	0.457 0.451 0.446 0.440 0.435 0.435 0.425 0.425 0.420 0.415 0.410 0.396 0.391 0.387 0.387 0.374 0.370 0.386 0.362 0.355 0.355 0.355 0.355 0.351 0.347 0.344

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
	I N S O L U B L E	-20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 130 140	0.443 0.619 0.850 1.149 1.530 2.009 2.603 3.333 4.221 5.289 6.563 8.069 9.836 11.890 14.270 17.010 20.130	-20 -10 0 10 20 30 40 50 60 70 80 90 110 110 120 130 130 140	0.00809 0.01105 0.01485 0.02561 0.03294 0.04183 0.06522 0.06522 0.08018 0.08765 0.11790 0.14110 0.16760 0.19770 0.23160 0.26950	0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 150 160 170 180 200 210 220 230 240 250	0.346 0.352 0.358 0.364 0.370 0.377 0.383 0.389 0.395 0.401 0.414 0.420 0.426 0.432 0.438 0.438 0.438 0.438 0.438 0.431 0.451 0.451 0.451 0.469 0.469 0.469 0.469 0.482 0.482 0.482 0.482 0.482