HEXANOIC ACID

Common Synonyms Oily liquid Butylacetic acid Capronic acid Capronic acid Capronic acid Hexacid 698 Floats on water,			Colorless or slightly Goat-like odor yellow (limberger cheese) freezing pt. –5°C.		
Fire	Combustible. Water may be ineffective on fire. Extinguish with dry chemical, alcohol foam, or CO ₂ . Wear self-contained breathing apparatus and protective clothing.				
Exposure	CALL FOR MEDICAL AID. VAPOR Irritating to eyes, nose and throat. If inhaled will cause couphing or difficult breathing. If in eyes, hold eyelids open and flush with plenty of water. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. LIQUID Will burn skin and eyes. If swallowed will cause nausea and vorniting. Remove contaminated clothing and shoes. Flush affected areas, with plenty of water. IF IN EYES, hold eyelids open and flush with				
Water Pollution	plenty of water. May be dangerous to aquatic life in high concentrations. May be dangerous if it enters water intakes. Notify local health and wildlife officials. Notify operators of nearby water intakes.				
Stop discharge Dilute and disperse		 2.1 CG Compatibility Group: 4; Organic acids 2.2 Formula: CH₂(CH₂)₂CO₂H 2.3 IMO/UN Designation: Currently not available 2.4 DOT ID No.: 1760 2.5 CAS Registry No.: 142-62-1 2.6 NAERG Guide No.: 153 2.7 Standard Industrial Trade Classification: 51377 			
		HEALTH	HAZARDS		
gloves. 2 Symptoms Fol extremely (Inhalation + chemical p sensation, 3 Treatment of E breathing g arrounts of Flush with- by separat 4 TLV-TWA: Not 5 TLV-STEL: Not 6 TLV-Ceiling: N 7 Toxicity by Inh 9 Chronic Toxici 10 Vapor (Gas) Ir cause eye 11 Liquid or Solii burns after 12 Odor Thresho 13 IDLH Value: N 14 OSHA PEL-TT 15 OSHA PEL-ST	lowing Exposure: I leastructive to tissue nay be fatal as a rei nay be fatal as a rei nay be fatal as a rei coughing, wheezing ixposure: INHALAT ive artificial respirat water for at least 1 isted. listed. listed. at listed. estion: Grade 2; L alation: Currently nut ty: Possibly mutage estion: Grade 2; L alation: Currently nut ty: Acharacteristics: f a few minutes' cont di Currently not av- ot listed. A: Not listed.	lamful if swa of mucous me ult of spasm, noary edema. laryngitis, sh ON: Call for on. If breath minutes whil water for at le he fingers. $\sum_{3} (Apors cz(cannot be toality severe s(ct.$	emical safety goggles, rubber b llowed, inhaled, or absorbed thr mbranes and upper respiratory inflammation and edema of the Symptoms of exposure may in ortness of breath, headache, no medical aid. Remove the victim ng is difficult give oxygen. SKII le removing contaminated cloth ast 15 minutes. Insure adequat at) ause severe irritation of eyes ar olerated even at low concentrat skin irritant. May cause pain an	ough skin. Material is tract, eyes and skin. larynx and bronchia, Jude burning usea and vomiting. It of resh air. If not V. Flush with copious ng and shoes. EYES: e flushing of the eyes and throat and can fors.	

7. SHIPPING INFORMATION Grades of Purity: 99.5+% Storage Temperature: Ambient Inert Atmosphere: Currently not available IMO Pollution Category: D Ship Type: Data not available Barge Hull Type: Currently not available Barge Hull Type: Currently not available 8. HAZARD CLASSIFICATIONS 49 CFR Category: Corrosive Material 49 CFR Category: Corrosive Material 49 CFR Cates: 8 49 GFR Cates: 8 49 GFR Package Group: Currently not available. Marine Pollutant: No NFPA Hazard (Blue) 2 Flammability (Red)
Storage Temperature: Ambient Inert Atmosphere: Currently not available Wenting: Currently not available IMO Pollution Category: D Ship Type: Data not available Barge Hull Type: Currently not available 8. HAZARD CLASSIFICATIONS 49 CFR Category: Corrosive Material 49 CFR Category: Corrosive Material 49 CFR Category: Corrosive Material 49 CFR Category: Currently not available. Marine Pollutant: No NFPA Hazard Classification: Category Classification: Category Classification Health Hazard (Blue)
Inert Atmosphere: Currently not available Venting: Currently not available IMO Pollution Category: D Ship Type: Data not available Barge Hull Type: Currently not available 8. HAZARD CLASSIFICATIONS 49 CFR Category: Corrosive Material 49 CFR Class: 8 49 CFR Package Group: Currently not available. Marine Pollutant: No NFPA Hazard Classification: Category Classification Health Hazard (Blue)
IMO Pollution Category: D Ship Type: Data not avaialable Barge Hull Type: Currently not available 8. HAZARD CLASSIFICATIONS 49 CFR Category: Corrosive Material 49 CFR Package Group: Currently not available. Marine Pollutant: No NFPA Hazard Classification: Category Classification: Category Classification: Category Classification Health Hazard (Blue)
Ship Type: Data not avaialable Barge Hull Type: Currently not available 8. HAZARD CLASSIFICATIONS 49 CFR Category: Corrosive Material 49 CFR Cases: 8 49 CFR Package Group: Currently not available. Marine Pollutant: No NFPA Hazard Classification: Category Classification: Category Classification: Category Classification Health Hazard (Blue)
Barge Hull Type: Currently not available 8. HAZARD CLASSIFICATIONS 49 CFR Category: Corrosive Material 49 CFR Class: 8 49 CFR Package Group: Currently not available. Marine Pollutant: No NFPA Hazard Classification: Category Classification Health Hazard (Blue)
8. HAZARD CLASSIFICATIONS 49 CFR Category: Corrosive Material 49 CFR Class: 8 49 CFR Package Group: Currently not available. Marine Pollutant: No NFPA Hazard Classification: Category Classification: Category Classification: 2 Flammability (Red)
49 CFR Category: Corrosive Material 49 CFR Class: 8 49 CFR Package Group: Currently not available. Marine Pollutant: No NFPA Hazard Classification: Category Classification Health Hazard (Blue)
49 CFR Class: 8 49 CFR Package Group: Currently not available. Marine Pollutant: No NFPA Hazard Classification: Category Classification: Category Classification: Flammability (Red)
49 CFR Package Group: Currently not available. Marine Pollutant: No NFPA Hazard Classification: Category Classification Health Hazard (Blue) 2 Flammability (Red) 1 Instability (Yellow) 0 EPA Reportable Quantity: Not listed. EPA Pollution Category: Not listed. EPA FWPCA List: Not listed EPA FWPCA List: Not listed P. PHYSICAL & CHEMICAL PROPERTIES Physical State at 15° C and 1 atm: Liq Molecular Weight: 110.16 Boiling Point at 1 atm: 395.6-397.4°F =
available. Marine Pollutant: No NFPA Hazard Classification: Category Classification Health Hazard (Blue)
NFPA Hazard Classification: Category Classification Health Hazard (Blue)
Category Classification Health Hazard (Blue)
Health Hazárd (Blue)
Flammability (Red)
EPA Reportable Quantity: Not listed. EPA Pollution Category: Not listed. RCRA Waste Number: Not listed EPA FWPCA List: Not listed 9. PHYSICAL & CHEMICAL PROPERTIES Physical State at 15° C and 1 atm: Liq Molecular Weight: 110.16 Boiling Point at 1 atm: 395.6-397.4°F =
EPA Pollution Category: Not listed. RCRA Waste Number: Not listed EPA FWPCA List: Not listed 9. PHYSICAL & CHEMICAL PROPERTIES Physical State at 15° C and 1 atm: Liq Molecular Weight: 110.16 Boiling Point at 1 atm: 395.6-397.4°F -
RCRA Waste Number: Not listed EPA FWPCA List: Not listed 9. PHYSICAL & CHEMICAL PROPERTIES Physical State at 15° C and 1 atm: Liq Molecular Weight: 110.16 Boiling Point at 1 atm: 395.6-397.4°F =
EPA FWPCA List: Not listed 9. PHYSICAL & CHEMICAL PROPERTIES Physical State at 15° C and 1 atm: Liq Molecular Weight: 110.16 Boiling Point at 1 atm: 395.6-397.4°F =
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PROPERTIES Physical State at 15° C and 1 atm: Liq Molecular Weight: 110.16 Boiling Point at 1 atm: 395.6-397.4°F =
Physical State at 15° C and 1 atm: Liq Molecular Weight: 110.16 Boiling Point at 1 atm: 395.6-397.4°F =
Molecular Weight: 110.16 Boiling Point at 1 atm: 395.6-397.4°F =
Boiling Point at 1 atm: 395.6-397.4°F =
Freezing Point: $26.6^{\circ}F = -3^{\circ}C = 270.2^{\circ}$
Critical Temperature: Currently not ava Critical Pressure: Currently not available
Specific Gravity: 0.927
Liquid Surface Tension: Currently not
available Liquid Water Interfacial Tension: Curre
not available
Vapor (Gas) Specific Gravity: 4.0
 Ratio of Specific Heats of Vapor (Gas Currently not available
2 Latent Heat of Vaporization: Currently
available
 Heat of Combustion: Currently not available Heat of Decomposition: Currently not
available
5 Heat of Solution: Currently not availab 6 Heat of Polymerization: Currently not
available
7 Heat of Fusion: Currently not available
B Limiting Value: Currently not available
9 Reid Vapor Pressure: Very low

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9. SATURATED L	20 IQUID DENSITY	9. LIQUID HEA	21 T CAPACITY	9. LIQUID THERMA	22 L CONDUCTIVITY	9. LIQUID V	23 ISCOSITY
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
	CURRENTLY NOT AVAILABLE		UURRENTLY NOT AVA-LABLE		C U R R E N T L Y N O T A V A I L A B L E	68	0.031

9. SOLUBILIT	24 Y IN WATER	9. SATURATED VA	25 POR PRESSURE		26 APOR DENSITY	9. IDEAL GAS H	27 EAT 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
68	1.082	161 193 211 233 257 272 291 321 358 396	0.019 0.097 0.193 0.387 0.774 1.160 1.934 3.867 7.735 14.696		C U R R E N T L Y N O T A V A I L A B L E	0 25 50 75 120 125 250 275 200 325 350 350 350 350 350 355 550 555 550 575 600	0.299 0.311 0.323 0.335 0.346 0.358 0.369 0.380 0.390 0.401 0.411 0.421 0.421 0.421 0.421 0.431 0.441 0.451 0.469 0.478 0.477 0.495 0.512 0.520 0.528 0.536