STEARIC ACID

	CAUTION/	ARY RESPO	ONSE INFOR			
Common Synonyms 1-Heptadecanecarboxylic acid Octadecanoic acid n-Octadecylic acid Stearophanic acid		Solid Floats on water.	White	Mild odor		
Call fire dep	partment.	contact with solid a				
Fire	Combustible. Extinguish with dry chemicals, foam or carbon dioxide. Water may be ineffective on fire. Cool exposed containers with water.					
Exposure	CALL FOR MEDICAL AID. DUST Irritating to eyes, nose and throat. If inhaled will cause coughing 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. SOLID 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. IF SWALLOWED and victim is CONSCIOUS, have victim drink water or milk and have victim induce vomiting. IF SWALLOWED and victim is UNCONSCIOUS OR HAVING CONVULSIONS, do nothing except keep victim warm.					
Water Pollution	Effect of fow concentrations on aquatic life is unknown. May be dangerous if it enters water intakes. Notify local health and wildlife officials. Notify operators of nearby water intakes.					
1. CORRECTIVE Stop discha Contain		ACTIONS	2.1 CG Compa 2.2 Formula:			
Clean shore Salvage wa	line		2.4 DOT ID No 2.5 CAS Regis	esignation: Not listed .: Not listed stry No.: 57-11-4 uide No.: Not listed		
2			2.6 NAERG Gu 2.7 Standard I 51376	ndustrial Trade Classification:		
3.1 Personal Prote chemical ca 3.2 Symptoms Foll	ertridge respirato owing Exposur	r; impervious glove re: Compound is ge	2.7 Standard I 51376 AZARDS xposure to vapors, ss; goggles; impervi merally considered	ndustrial Trade Classification:		
3.1 Personal Prote chemical ca 3.2 Symptoms Foll irritates nos 3.3 Treatment of E	artridge respirato owing Exposur se and throat. D xposure: INGE:	nt: For prolonged e r; impervious glove re: Compound is ge ust causes mild irri STION: drink large	2.7 Standard I 51376 AZARDS xposure to vapors, s; goggles; impervi merally considered tation of eyes. volume of water; in	ndustrial Trade Classification: use air-supplied mask or ous apron		
3.1 Personal Prote chemical ca 3.2 Symptoms Foll irritates nos 3.3 Treatment of E EYES: flus	ntridge respirate owing Exposure is and throat. D xposure: INGE: h with clean wat isted. isted. isted. setion: Grade 0 alation: Currently y: Currently not itant Character I Characteristic	nt: For prolonged e r; impervious glove te: Compound is gg ust causes mild irri STION: drink large er; if irritation, get ; LD ₅₀ >15 g/kg y not available. available istics: Currently n	2.7 Standard 1 51376 IAZARDS xposure to vapors, ss; goggles; impervi inerally considered tation of eyes. volume of water; in medical attention. S	ndustrial Trade Classification: use air-supplied mask or ous apron nontoxic. Inhalation of dust duce vomiting; call a physician.		

4. FIRE HAZARDS	7. SHIPPING INFORMATION
4.1 Flash Point: (molten solid) 410–435°F O.C.; 365°F	7.1 Grades of Purity: USP; Commercial; Triple pressed; Double pressed
C.C.	7.2 Storage Temperature: Ambient
4.2 Flammable Limits in Air: Not pertinent	7.3 Inert Atmosphere: No requirement
4.3 Fire Extinguishing Agents: Foam, dry chemical, or carbon dioxide	7.4 Venting: Open
4.4 Fire Extinguishing Agents Not to Be	7.5 IMO Pollution Category: Currently not availa
Used: Water or foam may cause	7.6 Ship Type: Currently not available
frothing. 4.5 Special Hazards of Combustion	7.7 Barge Hull Type: Currently not available
Products: Currently not available	8. HAZARD CLASSIFICATIONS
4.6 Behavior in Fire: Currently not available	8.1 49 CFR Category: Not listed
4.7 Auto Ignition Temperature: 743°F4.8 Electrical Hazards: Not pertinent	8.2 49 CFR Class: Not Pertinent
4.9 Burning Rate: Not pertinent	8.3 49 CFR Package Group: Not listed.
4.10 Adiabatic Flame Temperature: Currently	8.4 Marine Pollutant: No
not available 4.11 Stoichometric Air to Fuel Ratio: 123.8	8.5 NFPA Hazard Classification:
(calc.)	Category Classification Health Hazard (Blue) 1
4.12 Flame Temperature: Currently not	Flammability (Red)
available 4.13 Combustion Molar Ratio (Reactant to	Instability (Yellow)0
Product): 36.0 (calc.)	8.6 EPA Reportable Quantity: Not listed.
4.14 Minimum Oxygen Concentration for	8.7 EPA Pollution Category: Not listed.
Combustion (MOCC): N ₂ diluent: 10.6%; CO ₂ diluent: 13.0%	8.8 RCRA Waste Number: Not listed
	8.9 EPA FWPCA List: Not listed
5. CHEMICAL REACTIVITY	9. PHYSICAL & CHEMICAL
5.1 Reactivity with Water: No reaction	PROPERTIES
5.2 Reactivity with Common Materials: Currently not available	9.1 Physical State at 15° C and 1 atm: Solid
5.3 Stability During Transport: Stable	9.2 Molecular Weight: (avg.) 282
5.4 Neutralizing Agents for Acids and	9.3 Boiling Point at 1 atm: Not pertinent
Caustics: Not pertinent	(decomposes)
5.5 Polymerization: Not pertinent5.6 Inhibitor of Polymerization: Not pertinent	9.4 Freezing Point: 157°F = 70°C = 343°K
5.6 minibitor of Polymenzation. Not pertinent	9.5 Critical Temperature: Not pertinent
6. WATER POLLUTION	 9.6 Critical Pressure: Not pertinent 9.7 Specific Gravity: 0.86 at 20°C (solid)
6.1 Aquatic Toxicity:	9.8 Liquid Surface Tension: Not pertinent
Currently not available	9.9 Liquid Water Interfacial Tension: Not
6.2 Waterfowl Toxicity: Currently not available	pertinent
6.3 Biological Oxygen Demand (BOD):	9.10 Vapor (Gas) Specific Gravity: Not pertinen
144%, 5 days	9.11 Ratio of Specific Heats of Vapor (Gas): Not pertinent
6.4 Food Chain Concentration Potential: None	9.12 Latent Heat of Vaporization: Not pertinent
6.5 GESAMP Hazard Profile:	9.13 Heat of Combustion: -17,310 Btu/lb =
Bioaccumulation: 0	-9,616 cal/g = -402.3 X 10 ⁵ J/kg 9.14 Heat of Decomposition: Not pertinent
Damage to living resources: 0 Human Oral hazard: 0	9.15 Heat of Solution: Not pertinent
Human Contact hazard: I Reduction of amenities: X	9.16 Heat of Polymerization: Not pertinent
Reduction of unclinics. A	9.17 Heat of Fusion: Currently not available
	9.18 Limiting Value: Currently not available
	9.19 Reid Vapor Pressure: Currently not available
NOTE	S

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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
	N O T		N O T		N O T		N O T
	P E R T I N E N T		P E R T I N E N T		P E R T I N E N T		P E R T I N E N T

9.24 SOLUBILITY IN WATER		9. SATURATED VA	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	
	of water I N S U L E E	(uegrees r)	N O T P E R T I N E N T	(Uegrees r)	N O T P E R T I N E N T	(uegrees r)	pound-F N O T E R T I N E N T	