SELENIUM TRIOXIDE

· · · · ·	CAUTION	ARY RESPC	INSE INFORMATION	٦	4. FIRE HAZARDS	7. SHIPPING INFORMATION		
Common Synonyms Selenic anhydride KEEP PEOPLE AWAY. AVOID CONTACT Wear gogoles, dust respirator, and rubber (AVOID CONTACT WI			 4.1 Flash Point: Not flarmable 4.2 Flammable Limits in Air: Not flammable 4.3 Fire Extinguishing Agents: Not pertinent 4.4 Fire Extinguishing Agents Not to Be Used: Not pertinent 	7.1 Grades of Purity: Commercial; also shipped as a 40% solution in water (selenic acid) 7.2 Storage Temperature: Ambient 7.3 Inert Atmosphere: No requirement 7.4 Venting: Open		
Wear goggles, dust respirator, and rubber overclothing (including gloves). Notify local health and pollution control agencies. Protect water intakes. Fire Not flammable.			_	 4.5 Special Hazards of Combustion Products: Currently not available 4.6 Behavior in Fire: Currently not available 	 7.5 IMO Pollution Category: Currently not available 7.6 Ship Type: Currently not available 7.7 Barge Hull Type: Currently not available 			
Exposure	IIRE CALL FOR MEDICAL AID. DUST POISONOUS IF INHALED OR IF SKIN IS EXPOSED. 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. If swallowed will cause coughing, nausea, and vomiting. Remove contarrinated clothing and shoes. Flush affected areas with plenty of water. IF SMALLOWED and victim is CONSCIOUS, have victim drink water or				4.7 Auto Ignition Temperature: Not pertinent 4.8 Electrical Hazards: Not pertinent 4.9 Burning Rate: Not pertinent 4.10 Adiabatic Flame Temperature: Currently not available 4.11 Stoichometric Air to Fuel Ratio: Not pertinent. 4.12 Flame Temperature: Currently not available 4.13 Combustion Molar Ratio (Reactant to Product): Not pertinent. 4.14 Minimum Oxygen Concentration for Combustion (MOCC): Not listed 5. CHEMICAL REACTIVITY	8. HAZARD CLASSIFICATIONS 8.1 49 CFR Category: Not listed 8.2 49 CFR Category: Not pertinent 8.3 49 CFR Package Group: Not listed. 8.4 Marine Pollutiant: No 8.5 NFPA Hazard Classification: Not listed 8.6 EPA Reportable Quantity: Not listed. 8.7 EPA Pollution Category: Not listed. 8.8 RCRA Waste Number: Not listed 8.9 EPA FWPCA List: Yes 9. PHYSICAL & CHEMICAL PROPERTIES 9.1 Physical State at 15° C and 1 atm: Solid		
Water Pollution	milk and have victim induce vomiting. IF SWALLOWED and victim is UNCONSCIOUS OR HAVING CONVULSIONS, do nothing except keep victim warm. Effect of low concentrations on aquatic life is unknown. May be denorerous if it enters water intakes.				 5.1 Reactivity with Water: Reacts vigorously with water to form selenic acid solution 5.2 Reactivity with Common Materials: Corrodes all metals when moisture is present 5.3 Stability During Transport: Stable 5.4 Neutralizing Agents for Acids and Caustics: Flush with water, rinse with dilute solution of sodium bicarbonate or 	 9.2 Molecular Weight: 126.9 9.3 Boiling Point at 1 atm: Not pertinent (decomposes) 9.4 Freezing Point: 244°F = 118°C = 391°K 9.5 Critical Temperature: Not pertinent 9.6 Critical Pressure: Not pertinent 9.7 Specific Gravity: 3.6 at 20°C (solid) 		
Dilute and Stop discha Chemical a Neutralize Do not add	Do not add water to undissolved material Do not add water to undissolved material 2.4 DOT ID NO: Not Instea 2.5 CAS Registry No: Currently not available 2.6 NAERG Guide No.: 151 2.7 Standard Industrial Trade Classification: 52239 3. HEALTH HAZARDS 3.1 Personal Protective Equipment: This compound is highly toxic if ingested or inhaled. Dust mask; goggles or face shield; rubber gloves				soda ash. 5.5 Polymerization: Not pertinent 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 Biological Oxygen Demand (BOD): None 6.4 Food Chain Concentration Potential: None 6.5 GESAMP Hazard Profile: Not listed	 9.8 Liquid Surface Tension: Not pertinent 9.9 Liquid Water Interfacial Tension: Not pertinent 9.10 Vapor (Gas) Specific Gravity: Not pertinent 9.11 Ratio of Specific Heats of Vapor (Gas): Not pertinent 9.12 Latent Heat of Vaporization: Not pertinent 9.13 Heat of Combustion: Not pertinent 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 Polymerization: Not pertinent 9.18 Limiting Value: Currently not available 9.19 Reid Vapor Pressure: Currently not 		
 cough, nausea, pallor, coated tongue, gastrointestinal disorders, nervousness and conjunctivitis. Contact with eyes or skin causes irritation. 33 Treatment of Exposure: INHALATION: remove vicim to fresh air; give oxygen if necessary. INGESTION: induce vonting; follow with gastric lavage and saline cathartics. EYES: flush immediately and thoroughly with water. SKIN: flush with water. 34 TLV-TWA: 0.2 mg/m² (as selenium) 35 TLV-STE: Not listed. 36 TLV-Ceiling: Not listed. 37 Toxicity by Ingestion: Currently not available 38 Toxicity: Currently not available 30 Vapor (Gas) Intriant Characteristics: Currently not available 310 Vapor (Gas) Intriant Characteristics: Currently not available 312 Odor Threshold: Currently not available 313 DLH Value: 1 mg Selm² 314 OSHA PEL-TFL: Not listed. 316 OSHA PEL-STEL: Not listed. 317 EPA AEGL: Not listed. 				NO	TES			

SELENIUM TRIOXIDE

Temperature (degrees F) Pounds per cubic foot Temperature (degrees F) British thermal unit per pound-F Temperature (degrees F) British thermal unit per per hour-square foot-F Temperature (degrees F) Centipoise N N N N N N N N N P <th colspan="2">9.20 SATURATED LIQUID DENSITY</th> <th colspan="2">9.21 LIQUID HEAT CAPACITY</th> <th colspan="2">9.22 LIQUID THERMAL CONDUCTIVITY</th> <th colspan="2">9.23 LIQUID VISCOSITY</th>	9.20 SATURATED LIQUID DENSITY		9.21 LIQUID HEAT CAPACITY		9.22 LIQUID THERMAL CONDUCTIVITY		9.23 LIQUID VISCOSITY	
T T T T P P P P E E E E R R R R T T T T	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		
		P E R T I		P E R T		P E R T I		E R T

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
	R E C T S		N O T P E R T I N E N T		N O T P E R T I N E N T		N O T P E R T I N E N T