BARIUM CARBONATE

| | IARY RESPO | | | 4. FIRE HAZARDS | 7. SHIPPING INFORMATION | | | |
|--|--|--|---|--|---|--|--|--|
| Common Synonyms Solid crystals or White Odorless powder Sinks in water. | | | | 4.1 Flash Point: Not flammable 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: Reagent grade-90.%; Ceramic grade-91.%; Ceramic and chemical grade-93.3%; Class grade-98.8%; Electronic ceramic grade-99.6% 7.2 Storage Temperature: Currently not available 7.3 Inert Atmosphere: Currently not available | | | |
| Notify local health and pollultion control agencies. Protect water intakes. | | | | 4.5 Special Hazards of Combustion Products: Not pertinent 7.5 IMO Pollution Category: Currently not available | | | | |
| Not fiammable. | | | | 4.6 Behavior in Fire: Not pertinent 4.7 Auto Ignition Temperature: Not flammable | 7.6 Ship Type: Currently not available7.7 Barge Hull Type: Currently not available | | | |
| CALL FOR MEDICAL AID. SOLID If swallowed, will cause nausea and vomiting. IF SWALLOWED and victim is CONSCIOUS, have victim drink water or milk. | | | | 4.8 Electrical Hazards: Not pertinent 4.9 Burning Rate: Not flammable 4.10 Adiabatic Flame Temperature: Currently not available 4.11 Stoichometric Air to Fuel Ratio: Not pertinent 4.12 Flame Temperature: Currently not available | 8. HAZARD CLASSIFICATIONS 8.1 49 CFR Category: Poison 8.2 49 CFR Class: 6.1 8.3 49 CFR Package Group: II 8.4 Marine Pollutant: No 8.5 NFPA Hazard Classification: Not listed | | | |
| Fouring to shoreline. May be dangerous if it enters water intakes. Notify local health and wildlife officials. Notify operators of nearby water intakes. | | | | 4.13 Combustion Molar Ratio (Reactant to Product): Not pertinent 4.14 Minimum Oxygen Concentration for Combustion (MOCC): 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: Not listed | | | |
| 1. CORRECTIVE RESPONSE ACTIONS 2. CHEMICAL DESIGNATIONS Stop discharge 2.1 CG Compatibility Group: Not listed. Contrain 2.3 IMOURD Besignation: 6.1/1564 Clean shore line 2.3 IMOURD Besignation: 6.1/1564 2.4 DOT ID No.: 1564 2.4 DOT ID No.: 1513-77-9 2.6 NAERG Guide No.: 154 2.7 Standard Industrial Trade Classification: 52379 | | | : | 5. CHEMICAL REACTIVITY 5.1 Reactivity with Water: No reaction 5.2 Reactivity with Common Materials: No reaction 5.3 Stability During Transport: Stable 5.4 Neutralizing Agents for Acids and Caustics: Not pertinent 5.5 Polymerization: Not pertinent 5.6 Inhibitor of Polymerization: Not pertinent | 9. PHYSICAL & CHEMICAL PROPERTIES 9.1 Physical State at 15° C and 1 atm: Solid 9.2 Molecular Weight: 197.35 9.3 Boiling Point at 1 atm: Not pertinent 9.4 Freezing Point: Not pertinent 9.5 Critical Temperature: Not pertinent 9.6 Critical Pressure: Not pertinent 9.7 Specific Gravity: 4.3 at 20°C (solid) 9.4 Lind Surface | | | |
| Clean shore line 2.4 Cort News 25.4 | | | e e | 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: Currently not available 6.5 GESAMP Hazard Profile: Not listed NOTE | 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 Colymerization: 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 | | | |
| | AUTION was health and pol r intakes. Not flammab CALL FOR N SOLID if swallowed IF SWALLO or mik. HARMFULT FOUND IF SWALLO OF SWALLO IF SWALLO OF SWALLO IF | Solid crystals or powder sinks in water. health and pollultion control agencies and the sintakes. Not flammable. CALL FOR MEDICAL AID. SOLID If swallowed, will cause nausea a lif SWALLOWED and victim is Corr mik. HARMFUL TO AQUATIC LIFE IN Fouling to shoreline. May be dangerous if it enters wat Notify local health and wildlife offic water RESPONSE ACTIONS (ge state) ysterns: Dredge line Under the state of the state | Current of the second | CAUTIONARY RESPONSE INFORMATION ym God cycalalo cy White Odorless ymain God cycalalo cy White Odorless ymain Carl cycalalo cyc | AUTIONARY RESPONSE INFORMATION ym | | | |

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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 |
| | T PERTINENT | | T P E R T I N E N T | | T PERTINENT NENT | | T PERTINENT |
| | | | | | | | |

| 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 |
| 68 | 0.025 | | N O T | | N O T | | N O T |
| | | | I P E R T I N E N T | | I P E R T I N E N T | | I PERTINENT |
| | | | | | | | |