

Material Safety Data Sheet (MSDS) – CalPatible Zinc

| Section One Identification of Product | | |
|--|---|---|
| Manufactures Name: | Emergency Telephone Number(s): | |
| Bio-Gro, Inc. 681 Glade Road Mabton, WA 98935 | 1-509-894-4110 1-800-738-7457 Contact Person: Peter Aleman | |
| Trade Name and Synonyms: | CalPatible Zinc | |
| Chemical Name and Synonyms: | Zinc Sulfate/Nitrate/Citrate | |
| Chemical Family: | Natural Amino & Organic acids | |
| Section Two Hazardous Ingredient s of Mixtures | | |
| Component: | % (ppm) | Threshold Limit Value: |
| Zinc Nitrate (CAS – 7779-88-6) Zinc Oxide (CAS – 7440-66-6) Zinc Sulfate (CAS – 7733-02-0) | 3 to 15% 2 to 4% 1 to 15% | Not available Not available Not available |
| Substances Contained in Product Regulated Under SARA, Title III, Section 313: | | |
| None | - | -- |
| Section Three Physical & Chemical Characteristics | | |
| Boiling Point: | 100oC (212oF) | |
| Vapor Pressure (mm Hg): | N/A | |
| Solubility in Water: | Complete | |
| Specific Gravity (H ₂ O = 1): | 1.190 – 1.210 | |
| Vapor Density (Air=1): | N/A | |
| Reactivity in Water: | NONE | |
| Appearance & Odor: | Yellowish to Orange Color, yeasty odor | |
| Section Four Fire & Explosion Data | | |
| Flash Point (oF): >200 | Flammable Limits (%Vol): N/A | |
| Fire Extinguishing Media: Water spray, dry chemical, foam or carbon dioxide. | | |
| Special Fire Fighting Procedures: Eliminate ignition source. Wear self-contained breathing apparatus and complete personal protective equipment. Use water spray to cool fire, exposed structures and tanks, and to disperse vapor cloud if fire is not present. Use water spray, dry chemical, carbon dioxide or foam. | | |
| Unusual Fire & Explosion Hazards: Although this material is not flammable in aqueous state, it will burn in the presence of a strong ignition source after the water is removed. | | |
| Section Five Reactivity Data | | |
| Stability: | Stable | |
| Conditions to Avoid: | Excessive Heat | |
| Incompatibility (Materials to Avoid): | Strong oxidizers | |
| Hazardous Decomposition Products: | Ammonia, Oxides of Nitrogen and Oxides of Carbon | |
| Hazardous Polymerization: | Will not occur | |
| Section Six Special Precautions | | |
| Precautions to be taken in Handling & Storing: Store in cool, dry place, away from children and feed or food products. Do not contaminate other stored products or the storage area by the handling or storage of this material. Immediately clean up any spills, which may occur during storage. Do not allow material to Freeze. | | |
| Other Precautions: Do not contaminate water supplies by handling & storage, cleaning of equipment or disposal of wastes. Keep work & storage areas clean. Read & follow precautionary measures on product label. | | |

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