

# Safety Data Sheet

- Section 1 Identification**
- (a) GHS product identifier; **Liquid Calcium**
  - (b) Other means of identification; **Calcium chloride**
  - (c) Recommended use of the chemical and restrictions on use; **Fertility**
  - (d) Supplier's details (including name, address, phone number etc.); **1669 Oak Rd. Perry KS 66073. Phone: 785-220-2123.**
  - (e) Emergency phone number. **CHEMTREC 1-800-424-9300**
- Section 2 Hazard Identification**
- (b) GHS classification of the substance/mixture and any national or regional information; **liquid calcium chloride proprietary blend**
  - (c) GHS label elements, including precautionary statements. (Hazard symbols may be provided as a graphical reproduction of the symbols in black and white or the name of the symbol e.g. "flame", "skull and crossbones"); **Avoid contact with eyes, skin, ingestion, etc**
  - (d) Other hazards which do not result in classification (e.g. "dust explosion hazard") or are not covered by the GHS. **NA**
- Section 3 Product Composition**
- Substance**
- (a) Chemical identity; **Calcium chloride 10%, other proprietary blend**
  - (b) Common name, synonyms, etc.; **Calcium Chloride**
  - (c) CAS number and other unique identifiers; **10043-52-4/Proprietary**
  - (d) Impurities and stabilizing additives which are themselves classified and which contribute to the classification of the substance. **NA**
- Mixture** The chemical identity and concentration or concentration ranges of all ingredients which are hazardous within the meaning of the GHS and are present above their cut-off levels. **Calcium Chloride 10.0%**
- Section 4 First-Aid Measures**
- (a) Description of necessary measures, subdivided according to the different routes of exposure, i.e. inhalation, skin and eye contact and ingestion; **Eyes:** Flush with clean water for 15 minutes. If irritation persists, consult a physician. As with all chemicals, eye protection should be used. **Skin:** Wash with soap and water. If irritation develops, consult physician. **Ingestion:** If ingested consult a physician immediately. Do not induce vomiting. **Inhalation:** Use in well ventilated area, however if symptomatic, remove to fresh air.
  - (b) Most important symptoms/effects, acute and delayed. **Irritation, discomfort, pain, etc**
  - (c) Indication of immediate medical attention and special treatment needed, if necessary. **Contact with eyes.**
- Section 5 Fire-fighting Measures**
- (a) Suitable (and unsuitable) extinguishing media. **Non-flammable. Fire extinguisher/other**
  - (b) Specific hazards arising from the chemical (e.g. nature of any hazardous combustion products). **NA**
  - (c) Special protective equipment and precautions for fire-fighters. **NA**
- Section 6 Accidental Release Measures**
- (a) Personal precautions, protective equipment and emergency procedures. **None required. Goggles and gloves recommended.**
  - (b) Environmental precautions. **Avoid contaminating bodies of water and/or areas directly effecting wildlife/populace.**
  - (c) Methods and materials for containment and cleaning up. **Liquids can be absorbed with oil dry or cat litter and then disposed.**
- Section 7 Handling & Storage**
- (a) Precautions for safe handling. **None required. Goggles and gloves recommended.**
  - (b) Conditions for safe storage, including any incompatibilities. **None**
- Section 8 Exposure Controls & Personal Protection**
- (a) Control parameters e.g. occupational exposure limit values or biological limit values. **NA**
  - (b) Appropriate engineering controls. **NA**
  - (c) Individual protection measures, such as personal protective equipment. **NA**
- Section 9 Physical & Chemical Properties**
- (a) Appearance (physical state, colour etc); **Dark Brown**
  - (b) Odour; **Slight Ammonia**
  - (c) Odour threshold; **NA**
  - (d) pH; **6-7**
  - (e) Melting point/freezing point; **NA/32F**
  - (f) Initial boiling point and boiling range; **220F**
  - (g) Flash point; **None flammable**
  - (h) Evaporation rate; **NA**
  - (i) Flammability (solid, gas); **None**
  - (j) Upper/lower flammability or explosive limits; **NA**
  - (k) Vapour pressure; **NA**
  - (l) Vapour density; **NA**
  - (m) Relative density; **NA**
  - (n) Solubility(ies); **Yes**
  - (o) Partition coefficient: n-octanol/water; (p) Auto-ignition temperature; **NA**
  - (q) Decomposition temperature; **NA**
  - (r) Viscosity. @ 75°F: **84.11cps**

<b>Section 10 Stability &amp; Reactivity</b>	<ul style="list-style-type: none"> <li>(a) Reactivity <b>NA</b></li> <li>(b) Chemical stability; <b>Yes</b></li> <li>(c) Possibility of hazardous reactions; <b>No</b></li> <li>(d) Conditions to avoid (e.g. static discharge, shock or vibration); <b>NA</b></li> <li>(e) Incompatible materials; <b>phosphate, potash, glyphosate formulas, 2,4-D amine or ester herbicides</b></li> <li>(f) Hazardous decomposition products. <b>None</b></li> </ul>
<b>Section 11 Toxicological Information</b>	<p>Concise but complete and comprehensible description of the various toxicological (health) effects and the available data used to identify those effects, including:</p> <ul style="list-style-type: none"> <li>(a) information on the likely routes of exposure (inhalation, ingestion, skin and eye contact); <b>Ingestion, skin, inhalation, eye contact</b></li> <li>(b) Symptoms related to the physical, chemical and toxicological characteristics; <b>Discomfort, irritation, burning, wheezing, vision change</b></li> <li>(c) Delayed and immediate effects and also chronic effects from short and long term exposure; <b>No delayed or chronic effects anticipated</b></li> <li>(d) Numerical measures of toxicity (such as acute toxicity estimates). <b>NA</b></li> </ul>
<b>Section 12 Ecological Information</b>	<ul style="list-style-type: none"> <li>(a) Ecotoxicity (aquatic and terrestrial, where available); <b>NA</b></li> <li>(b) Persistence and degradability; <b>Compounds biodegrade</b></li> <li>(c) Bioaccumulative potential; <b>None</b></li> <li>(d) Mobility in soil; <b>Yes</b></li> <li>(e) Other adverse effects. <b>None</b></li> </ul>
<b>Section 13 Disposal Considerations</b>	<p>Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging. <b>Non-toxic. Perform in compliance with all federal, state and local regulations.</b></p>
<b>Section 14 Transport Information</b>	<ul style="list-style-type: none"> <li>(a) UN number; <b>NA/non-hazardous</b></li> <li>(b) UN proper shipping name; <b>NA/non-hazardous</b></li> <li>(c) Transport hazard class(es); <b>NA/non-hazardous</b></li> <li>(d) Packing group, if applicable; <b>NA/non-hazardous</b></li> <li>(e) Environmental hazards (e.g.: Marine pollutant (Yes/No)); <b>NA/non-hazardous</b></li> <li>(f) Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code); (g) Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises. <b>NA/non-hazardous</b></li> </ul>
<b>Section 15 Regulatory Information</b>	<p>Safety, health and environmental regulations specific for the product in question. <b>NA</b></p>
<b>Section 16 Other Information</b>	

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