



| 13. DISPOSAL CONSIDERATIONS  |   |  |                       |      |                       |
|--|---|--|-----------------------|------|-----------------------|
| <b>WASTE RESIDUE/CONTAMINATED PACKAGING DISPOSAL</b>                               | Triple rinse container, add rinsate to spray tank. Do not rinse down drain. Refer to manufacturer or supplier for information on container recovery or recycling. Dispose of packaging in a manner consistent with federal, state and local regulations.  |  |                       |      |                       |
| 14. TRANSPORTATION INFORMATION   |   |  |                       |      |                       |
| <b>US DOT TRANSPORT HAZARD CLASS</b>   | Not Regulated.  | <b>LABELS &amp; PLACARDS REQUIRED</b>                | None.                 |      |                       |
| <b>PACKING GROUP</b>   | Not Available.  |  |                       |      |                       |
| <b>UN NUMBER</b>   | Not Available.  |  |                       |      |                       |
| <b>MARINE POLLUTANT</b>  | Not Available.  |  |                       |      |                       |
| 15. REGULATORY INFORMATION   |   |  |                       |      |                       |
| <b>CALIFORNIA PROP. 65</b>   | This product does not contain any chemicals known to state of California to cause cancer and birth defects or other reproductive harm.  |  |                       |      |                       |
| <b>TSCA / CAA / CWA / CERCLA</b>   | Mixture Component Reportable Quantity<br>None.  |  |                       |      |                       |
| <b>SARA TITLE III</b>  | This product contains the following toxic chemical material(s) with known CAS numbers subject to reporting requirements established by SARA Title III   |  |                       |      |                       |
|  | SARA Section 311/312 Hazard Categories  | SARA Section 313, SARA Section 302, SARA section 304 |                       |      |                       |
|  | Pressure  | No   | 313 Mixture Component | CAS# | 313 RQ 302/304 EHS RQ |
|  | Reactivity:   | No   | None                  |      |                       |
|  | Immediate (Acute):  | Yes  |                       |      |                       |
|  | Delayed (Chronic):  | No   |                       |      |                       |
|  | Fire:   | No   |                       |      |                       |
| <b>INTERNATIONAL REGULATIONS</b>   | CANADA: WHMIS: Not available.<br>DSL/NDSL: The substance is not on any list.  |  |                       |      |                       |
| 16. OTHER INFORMATION  |   |  |                       |      |                       |
| <b>ISSUE DATE SUPERCEDES</b>   | June 1, 2015<br>All previous versions   | Revised 8/25/2017                                    |                       |      |                       |
|  | The information contained herein is accurate to the best of our knowledge. BioGro, Inc makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances. Chemical additions, processing, or otherwise altering this material may make information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. All Rights Reserved. |  |                       |      |                       |

| BioGro, Inc. SAFETY DATA SHEET CHB Soil Stim 30   |   |   |                               |
|---|---|---|-------------------------------|
| 1. IDENTIFICATION   |   |   |                               |
| <b>MANUFACTURER/ OR SUPPLIER'S NAME</b><br>BioGro, Inc.   |   | <b>TELEPHONE NO./ AFTER HOURS EMERGENCY</b><br>(509) 894-4110 / (800) 738-7457  |                               |
| <b>MAILING ADDRESS</b><br>PO Box 326 Mabton WA 98935  |   | <b>MANUFACTURING ADDRESS</b><br>681 Glade Rd / Mabton WA 98935  |                               |
| <b>PRODUCT NAME</b><br>CHB Soil Stim 30   |   | <b>WEBSITE</b><br><a href="http://www.BioGro.com">www.BioGro.com</a>  |                               |
| <b>CHEMICAL FAMILY , SYNONYMS AND TRADE NAMES</b><br>Grain by-products  |   | <b>RECOMMENDED USE OF THE CHEMICAL</b><br>Agricultural Fertilizer   |                               |
| 2. HAZARD(S) IDENTIFICATION   |   |   |                               |
| <b>GHS CLASSIFICATION: Eye Damage (2)</b>   |   |   |                               |
| <b>SIGNAL WORD</b><br>WARNING   | <b>HAZARD STATEMENT</b><br>H315 Causes skin irritation  | <b>PRECAUTION STATEMENT</b><br>Wear protective gloves/protective clothing/eye protection.<br>Wash skin thoroughly after handling. |                               |
| <b>SYMBOL(S)</b><br>   |   |   |                               |
| 3. MIXTURE COMPOSITION / INFORMATION ON INGREDIENTS   |   |   |                               |
| <b>CHEMICAL NAME</b>  | <b>CAS NUMBER</b>   | <b>BY WEIGHT</b>  | <b>INGREDIENT HAZARD DATA</b> |
| Proprietary solution containing plant nutrients derived from fermented grain by-products and phosphoric acid.<br>GUARANTEED ANALYSIS:<br>Total Nitrogen: 1%<br>Available Phosphoric Acid (P2O5): 3% | Proprietary   | 100%  | See Section 2.                |
| 4. FIRST-AID MEASURES   |   |   |                               |
| <b>EYE CONTACT</b>  |   |   |                               |
| <b>SKIN CONTACT</b>   | Wash skin with soap and plenty of water. Wash contaminated clothing before reuse. If skin irritation occurs: get medical advice.                          |   |                               |
| <b>INHALATION</b>   | Remove person to fresh air and keep comfortable for breathing. Seek medical attention. If not breathing, give artificial respiration if trained to do so. |   |                               |
| <b>INGESTION</b>  | Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a doctor if you feel unwell.                             |   |                               |
|   |   |   |                               |

| 5. FIRE-FIGHTING MEASURES               |  |
|---|--|
| <b>EXTINGUISHING MEDIA</b>              | Use extinguishing media suitable for surrounding materials to extinguish fire. Use foam, dry chemical, carbon dioxide or water spray if suitable for surrounding materials.  |
| <b>HAZARDOUS PRODUCTS OF COMBUSTION</b> | Non-flammable. Non-explosive. Hazardous products not known.  |
| <b>FIRE FIGHTING PRECAUTIONS</b>        | The use of self-contained breathing apparatus (SCBA) and full protective clothing is recommended for fire-fighters for chemical fires. Dike and collect water used to fight fire for later treatment and disposal. |

| 6. ACCIDENTAL RELEASE MEASURES   |  |
|----------------------------------|--|
| <b>PERSONAL PRECAUTION</b>       | Observe personal protective equipment (PPE Section 8).   |
| <b>CONTAINMENT AND CLEANUP</b>   | Contain spill with dry earth, sand or suitable material. Collect spillage and place material in a suitable container for disposal. (See Sec. 13) |
| <b>ENVIRONMENTAL PRECAUTIONS</b> | None known.  |

| 7. HANDLING AND STORAGE |   |
|-------------------------|---|
| <b>HANDLING</b>         | Wash thoroughly with soap and water after handling. Wash PPE after use with this product.   |
| <b>STORAGE</b>          | Store out of direct sunlight in a well ventilated area. Do not store below freezing. Store away from incompatible materials (see section 10).<br><br>Keep away from children, feed and food products. |

| 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION |   |
|---|---|
| <b>ENGINEERING CONTROLS</b>               | Facilities storing or utilizing this material should be equipped with an eyewash station and a safety shower.<br><br>Practice good industrial hygiene and safety standards. Do not eat, drink or smoke in work areas. Use in accordance with the agricultural worker protection standard, CFR Part 170. Do not apply this product in a way that will contaminate workers or other persons.  |
| <b>EYE/FACE PROTECTION</b>                | Wear appropriate protective chemical safety goggles or face shield as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.  |
| <b>SKIN PROTECTION</b>                    | Avoid skin contact by wearing chemical resistant gloves, long sleeves and long pants, coveralls, socks, and boots. Wear appropriate clothing to prevent skin exposure. The type of protective equipment used should be equivalent to the concentration of the hazardous material.<br><br>Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Wash and dry hands. |
| <b>RESPIRATORY PROTECTION</b>             | Wear respiratory protection during operations where spraying or misting occurs. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.  |

| 9. PHYSICAL AND CHEMICAL PROPERTIES |                        |                                     |                       |
|-------------------------------------|------------------------|-------------------------------------|-----------------------|
| APPEARANCE                          | Dark brown/ tan liquid | ODOR                                | Slightly sweet Cereal |
| SPECIFIC GRAVITY                    | 1.17 Kg/l at 68°F      | GALLON WEIGHT                       | 9.7 lbs/gal           |
| pH                                  | 3.0 – 4.0              | ODOR THRESHOLD                      | Not Available.        |
| FREEZING POINT                      | Not Available.         | EVAPORATION RATE                    | Not Available.        |
| FLASHPOINT                          | Not Available.         | VAPOR PRESSURE                      | Not Available.        |
| AUTO-IGNITION POINT                 | Not Available.         | VAPOR DENSITY (Air=1)               | Not Available.        |
| BOILING POINT                       | Not Available.         | SOLUBILITY                          | Not Available.        |
| MELTING POINT                       | Not Available.         | % VOLATILE                          | Not Available.        |
| FLAMMABILITY LIMITS                 | Not Available.         | OCTANOL/WATER PARTITION COEFFICIENT | Not Available.        |

Note: These physical data are typical values of material tested and not intended to be a guaranteed analysis of specification of any specific lot.

| 10. STABILITY AND REACTIVITY                        |  |
|---|--|
| <b>INCOMPATIBLE MATERIALS / STABILITY</b>           | Stability: Stable under recommended normal transport and storage conditions.<br><br>Incompatible Materials: Unknown.                                   |
| <b>HAZARDOUS REACTIONS / DECOMPOSITION PRODUCTS</b> | Hazardous Polymerization does not occur. No hazardous reactions known to occur under normal use conditions. No hazardous decomposition products known. |
| <b>CONDITIONS TO AVOID</b>                          | None known. See storage information (Sec 7).   |

| 11. TOXICOLOGICAL INFORMATION             |  |
|---|--|
| <b>ACUTE TOXICITY VALUES</b>              | Acute Oral LD50 (Rat): Mixture: No data available.<br>Acute Dermal LD50 (Rat): Mixture: No data available<br>Acute Inhalation LC50 (Rat): Mixture: No data available |
| <b>ROUTES OF EXPOSURE</b>                 | Ingestion:<br>Skin / Eye contact:<br>Inhalation:   |
| <b>SIGNS AND SYMPTOMS OF OVEREXPOSURE</b> | Short term effects: Not Available.<br><br>Long term effects: Not Available.  |
| <b>CHRONIC EFFECTS CARCINOGENICITY</b>    | No components are considered a carcinogen by IARC, ACGIH, NTP, or OSHA.  |
| <b>SPECIFIC TARGET ORGAN TOXICITY</b>     | No data available.   |

| 12. ECOLOGICAL INFORMATION              |  |                                  |   |
|---|--|----------------------------------|---|
| <b>ECOTOXICITY</b>                      | Not expected to exhibit toxicity to fish or other aquatic organisms.   | <b>MOBILITY IN SOIL</b>          | Provides a nutrient source for soil microorganism growth. |
|   |  | <b>BIOACCUMULATIVE POTENTIAL</b> | Not expected to bioaccumulate.                            |
| <b>PERSTISTANCE &amp; DEGRADABILITY</b> | Mostly made up of natural constituents such as crude plant proteins, sugars, and organic acids and therefore is readily degraded by biological material. |                                  |   |