**Active Ingredient:**
Clivar®

**Other Ingredients:**
(Potassium Oxlate: Glycerine: Isopropyl Alcohol)

**Percentage:**
40.0%

**Total:**
100.0%

**Notice:**
This product has not been registered by the US Environmental Protection Agency (EPA). Pace International, LLC represents that this product qualifies for exemption from registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).

**Emergency Fire Response:**
Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

**Danger:**
Combustible liquid. Keep away from heat/sparks/open flames and hot surfaces. No smoking. Do not breathe mist, vapors, or spray. Harmful if swallowed. May be harmful if inhaled. Causes skin and sene e eye irritation. May cause respiratory irritation and asthma symptoms or breathing difficulties if inhaled. May cause dryness or dryness. May damage to organs (nervous system, mucous membranes, liver, blood forming systems (bone marrow and spleen) through prolonged or repeated exposure. Toxic to aquatic life. In case of inadequate ventilation wear respiratory protection, best used outdoors or in a well-ventilated area. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective clothing, chemical-resistant gloves, and safety glasses. Avoid release to the environment.

**Emegency Response:**
In case of fire: Use dry chemical, foam or CO2 to extinguish.

**First Aid:**
If swallowed: Call a Poison CENTER / doctor if you feel unwell. Rinse mouth. Do not give anything by mouth to an unconscious person. Call a POISON CENTER / doctor if you feel unwell. Rinse mouth. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**If inhaled:**
Call a Poison CENTER / doctor for medical advice/attention if you feel unwell or are experiencing respiratory symptoms. Remove person to fresh air and keep comfortable for breathing.

**In Eyes:**
Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

**If on Skin:**
Wash with plenty of soap and water. Take off contaminated clothing and wash before use. If skin irritation occurs: Get medical advice/attention. See. First Aid. Section 4 on your SDS for further instructions.

**Personal Protective Equipment (PPE):**
Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical resistance category selection sheet. Applications and other handlers must wear: long-sleeved shirt, long pants, shoes, socks, protective eye wear (goggles or face shield), and chemical-resistant gloves made of any waterproof material, such as polyvinyl chloride, nitrile rubber or butyl rubber. Wash any contaminated clothing before reuse.

**Environmental Hazards:**
Toxic to aquatic life. Avoid release to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash water. See back cover for additional precautions and directions for use.

**Directions for Use:**
This product is used for treating potatoes to suppress sprouting after storage and washing. This product will not, if used in accordance with the label, prevent wound periderm formation of potatoes.

**DO NOT APPLY IN THE FIELD:**
IMPORTANT: Potatoes may deteriorate or otherwise be damaged by bacteria, fungi, insects, physiological aging and physical effects such as internal sprouting, environmental factors (such as humidity, temperature and sunlight), and other causes which are unrelated to the application of this product, and which may occur whether or not this product is applied to the potatoes.

**DO NOT USE ON SEED POTATOES:** This product will kill emerging buds on potato tubers and therefore should NOT be used on potatoes that will be used for seed. The damage to the emerged buds is permanent although secondary buds may grow after 30 to 90 days. The time period of effective sprout suppression may vary depending on many conditions beyond the control of the manufacturer and/or seller, including but not limited to, timing and method of application, variety and condition of seed, storage conditions and the presence of other chemicals.

**Equipement:**
Brix of 40EC is very easily applied as a 0.8% to 1.8% emulsion wash on the drying tray on a potato wash line or on a similar machine, after the potatoes have been washed. Equipment should be set to apply said emulsion evenly on the potatoes moving across the rollers. Rolling or tumbling action greatly improves coverage compared to flat conveyors. Through coverage of the potatoes by the emulsion will achieve the best results. For further information about equipment application, contact your local Biox® Distributor Representative.

**Application:**
Proper treatment solutions of 0.8% to 1.8% solutions (Column A) may be prepared by adding Column B to Column C.

**Column A:**

<table>
<thead>
<tr>
<th>Flow rate (gph)</th>
<th>20.0</th>
<th>30.0</th>
<th>50.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amount of Water (gallons)</td>
<td>0.80% (8,000 ppm)</td>
<td>1.30% (13,000 ppm)</td>
<td>1.58% (15,800 ppm)</td>
</tr>
</tbody>
</table>

**Column B:**

<table>
<thead>
<tr>
<th>Flow rate (gph)</th>
<th>20.0</th>
<th>30.0</th>
<th>50.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amount of Product (gallons)</td>
<td>0.30% (3,000 ppm)</td>
<td>1.00% (10,000 ppm)</td>
<td>1.30% (13,000 ppm)</td>
</tr>
</tbody>
</table>

**Column C:**

<table>
<thead>
<tr>
<th>Flow rate (gph)</th>
<th>20.0</th>
<th>30.0</th>
<th>50.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amount of Water (gallons)</td>
<td>1.95% (19,500 ppm)</td>
<td>2.95% (29,500 ppm)</td>
<td>3.95% (39,500 ppm)</td>
</tr>
</tbody>
</table>

**These percentages are based on weight ratio and are rounded to 100 ppm.**

**Terminology:**
Aid, Section 4 on your SDS for further instructions.

**Notes:**
Thorough agitation at initial mixing is required – no further agitation needed after the emulsion is completely mixed. Water used for dilution should have a maximum hardness of 250 ppm.

For a flood application system, use a sufficient emulsified solution of the desired concentration and apply in a method to provide thorough coverage of the potatoes. The effective concentration of the solution may vary only based on uniform coverage but a minimum residue concentration of approximately 15 mg/l should remain on the potatoes after application.

In addition, the extent of peeper/sprout development, the cleanliness of the potatoes at the time the solution is applied, the potato variety (russet vs. smooth skin types) and the weather of the potatoes before washing will also affect the performance of this product. It is suggested that residue analyses be conducted on a routine basis to ensure that the desired active ingredient is achieved on the potatoes.

**Storage and Disposal:**
Do not store contaminated wash water or flood water in a storm drain or by fecal or feed by storage or disposal.

**Pesticide Storage:**
Brix of 40EC and the emulsified solution (once completely mixed) can be stored at room temperature. Store in a well-ventilated place. Keep container tightly closed when not in use. Store locked up. This product temporarily inhibits germination of sweet potatoes.

**Pesticide Disposal:**
Wastes resulting from the use of this product may be disposed of on site or in accordance with applicable regional, national and local rules and regulations.

**Container Disposal:**
Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

For more information about PACE’s products, their uses and benefits, consult your PACE representative or our website at www.paceint.com.

**Notice To Buyer:**
IMPORTANT: Read the information below before using this product. If the terms are not acceptable, you should return the unopened product container immediately for a complete refund.

**Limited Warranty, Terms of Sale, and Limitation of Liability:**
1. Uses of this product are subject to the terms of sale contained herein, or as expressly stated in the foregoing sentence, the company makes no further warranties and expressly disclaims any implied warranties of merchantability or fitness for a particular purpose and any liability for consequential or incidental damages, including but not limited to, personal injury or property damage.

**Terms of Sale:**
1. If eye irritation persists: Get medical advice/attention.

**Important:**
Read the information below before using this product. If the terms are not acceptable, you should return the unopened product container immediately for a complete refund.

**Use:**
Brix of 40EC in agricultural crop protection is covered by US Patent 5,858,436 and other patents pending. This product is used for treating potatoes to suppress sprouting after storage and washing. This product will not, if used in accordance with the label, prevent wound periderm formation of potatoes.

**NOTICE TO BUYER:**
IMPORTANT: Read the information below before using this product. If the terms are not acceptable, you should return the unopened product container immediately for a complete refund.

**Manufactured By:**
Pace International, LLC
6561 Branch Road, Wapato, WA 98951 800.936.6750 www.paceint.com

**Kosher Certification:**
This product is Kosher certified by Rabbi Israel Rabinovitch of Rabbi’s Kosher Certification Services, Inc., 55-214 60th Ave., Corona, N.Y. 11377. The word “KOSHER” is a registered trademark of Pace International, LLC. Product of USA.

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