1. IDENTIFICATION OF COMPANY & PRODUCT

Product Name: Triacontanol 0.1 % EW  
Chemical Name: 1-Hydroxytriacontane Melissyl alcohol  
Brand Name: TRYKOT  
Users: Plant growth promoter  
Molecular Formula: C30H62O  
Manufacturer: CROP LIFE SCIENCE LTD.  
Address: Plot No. 5165, 5166, 5151, G.I.D.C., Ankleshwar-393002  
Gujarat, India  
Tele Fax Number: 91 2646 238479

2. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Cas #</th>
<th>Percent Or Content(W/W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triacontanol</td>
<td>593-50-0</td>
<td>0.10</td>
</tr>
<tr>
<td>Emulsifiers</td>
<td>---</td>
<td>3.00</td>
</tr>
<tr>
<td>Other ingredients determined not to be hazardous</td>
<td>--</td>
<td>to 100</td>
</tr>
</tbody>
</table>

3. HEALTH HAZARDS IDENTIFICATION

Classification of the substance or mixture: Not a hazardous substance or mixture.  
GHS Label elements, including precautionary statements: not a hazardous substance or mixture.

4. FIRST AID MEASURES

Description of Necessary  
Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water.  
Eye contact: Flush eyes with water as a precaution.  
Skin contact: Wash off with soap and plenty of water.  
Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Hazards from Combustion Products: Carbon oxides
Special Protective Precautions and Equipment for Fire Fighters: Wear self-contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Avoid dust formation. Avoid breathing vapours, mist or gas.
Environmental precautions
No special environmental precautions required.
Methods and materials for containment and cleaning up
Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling
Provide appropriate exhaust ventilation at places where dust is formed.
Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place.
Recommended storage temperature: 2 - 8 °C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove’s outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Body Protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
No special environmental precautions required.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Greenish yellow liquid</td>
</tr>
<tr>
<td>pH</td>
<td>6-8</td>
</tr>
<tr>
<td>Boiling Point/Range</td>
<td>&gt;100 °C</td>
</tr>
<tr>
<td>Freezing/Melting Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble in water</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.01</td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>Not available</td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>Not available</td>
</tr>
<tr>
<td>Corrosiveness</td>
<td>Not available</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Stability</td>
<td>Stable under recommended storage conditions.</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>no data available</td>
</tr>
<tr>
<td>Incompatible Materials</td>
<td>Strong oxidizing agents</td>
</tr>
<tr>
<td>Hazardous Decomposition</td>
<td>Other decomposition products - no data available</td>
</tr>
<tr>
<td>Products</td>
<td>no data available</td>
</tr>
<tr>
<td>Hazardous Reactions</td>
<td>no data available</td>
</tr>
</tbody>
</table>

11. TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>no data available</td>
</tr>
<tr>
<td>Inhalation</td>
<td>no data available</td>
</tr>
<tr>
<td>Dermal</td>
<td>no data available</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>no data available</td>
</tr>
</tbody>
</table>
Serious eye damage/eye irritation  no data available.

12. ECOLOGICAL INFORMATION

Toxicity  no data available.
Persistence and degradability  no data available.
Bio accumulative potential  no data available.
Mobility in soil  no data available.
Results of PBT and vPvB assessment  PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods
Product Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)  Not dangerous goods
IMDG  Not dangerous goods
IATA  Not dangerous goods

15. REGULATORY INFORMATION

This product does not contain any chemicals known to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

The information provided in this MSDS is sourced from published material which have been conducted according to Regulatory requirements including OECD and CIPAC Guidelines and EC Directives. A comprehensive package of toxicological and environmental data for the active ingredients of this product has been submitted to the government health and environment authorities and has been evaluated by expert toxicologists and environmental scientists.