



**MSDS**

Wingo Bird Repellent

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**Material Safety Data Sheet**

No	Item	Description									
1	CHEMICAL PRODUCT and COMPANY IDENTIFICATION	<p><b>Product name :</b> Wingo</p> <p><b>Supplier:</b> Pesky Ideas Limited 175 Ash Terrace Aotea, Kawhia 3889 New Zealand</p> <p>PO Box 772 Cambridge 3450 New Zealand</p> <p><b>24 hour contact line :</b> +64 27 2048635</p> <p><b>Contact Person :</b> Tony Overbeek</p>									
2	COMPOSITION & INGREDIENTS	<table border="1"> <thead> <tr> <th>Ingredient</th> <th>Composite Proportion (%)</th> <th>CAS No.</th> </tr> </thead> <tbody> <tr> <td>LUBEKOTE: food grade Synthetic Oil</td> <td>&gt;95%</td> <td>8042-47-5</td> </tr> <tr> <td>SMELLSIN: Proprietary vegetable extract Oil</td> <td>&lt;5%</td> <td>8015-91-6</td> </tr> </tbody> </table>	Ingredient	Composite Proportion (%)	CAS No.	LUBEKOTE: food grade Synthetic Oil	>95%	8042-47-5	SMELLSIN: Proprietary vegetable extract Oil	<5%	8015-91-6
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3	HAZARDS IDENTIFICATION	<p><b>POTENTIAL HEALTH EFFECTS</b>            Eye: Direct contact may cause temporary redness and discomfort.            Skin: No significant irritation expected from a single short term exposure.            Inhalation: Irritates respiratory passages very slightly.            Oral: Low ingestion hazard in normal use.</p> <p><b>PROLONGED/REPEATED EXPOSURE EFFECTS</b>            Skin: Repeated or prolonged exposure may cause irritation.            Inhalation: No known applicable information.            Oral: Repeated ingestion or swallowing large amounts may injure internally.</p> <p><b>SIGNS AND SYMPTOMS OF OVER-EXPOSURE</b>            No known applicable information</p> <p><b>MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE</b>            No known applicable information.</p> <p>The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, components data and/or expert review of the products. Please refer to Section 11 for toxicology information.</p>									
4	FIRST AID TREATMENT	<p>Eye: Immediately flush with water            Skin: No first aid should be needed            Inhalation: No first aid should be needed            Oral: Seek medical attention</p> <p>Notes to Physician: Treat symptomatically</p>									
5	MEASURES AGAINST EXPLOSION OR FIRE	<p>Flash point : 240C            Auto ignition temperature: Not determined.            Extinguishing Media: On large fires use dry chemical, foam or water spray. On small fires use carbon di-oxide (CO2), dry chemical or water spray. Water can be used to cool fire exposed containers.</p> <p>Fire Fighting Measures: Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan.</p> <p>Unusual Fire Hazards: None</p>									
6	ACCIDENTAL RELEASE MEASURES	<p>Containment/Clean up: Observe all personal protection equipment recommendations described in Section 5 and 8. Wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning material appropriately, since spontaneous heating may occur. Local state and federal laws and regulations may apply to release and disposal of the material, as well as those materials and items employed in the cleanup of releases.</p>									
7	HANDLING AND STORAGE	<p>Use with adequate ventilation.            Provide adequate ventilation or use the appropriate respiratory protection.            Employees should wash their hands and face.            Avoid eye contact. Do not take internally.</p> <p>Use reasonable care and store away from oxidizing materials.</p>									
8	EXPOSURE CONTROLS & PROTECTION	<p>A. Exposure Limits            ◦ Exposure limit under ISHL : Not available            ◦ ACGIH : Not available            ◦ Biological exposure limits : Not applicable</p> <p>B. Engineering Controls            ◦ No special engineering controls required beyond using the supplied applicators</p> <p>C. Personal Protective Equipment            ◦ Respiratory Protection : Not required under normal use conditions. Users with particular sensitivity to odour may use a chemical cartridge respirator with a charcoal filter            ◦ Eye Protection : Wear primary eye protection such as splash resistant safety goggles or glasses            ◦ Hand Protection : Wear chemical resistant protected gloves if there is potential for direct skin contact.            ◦ Body Protection : Wear chemical resistant protected clothing if there is potential for direct contact.</p>									
9	PHYSICAL AND CHEMICAL PROPERTIES	<p>A. Appearance : sticky gel type, light yellow in colour            B. Odor : strong            C. Odor threshold :            D. pH : Not available            E. Melting point/Freezing point : Not available            F. Initial Boiling Point/Boiling Ranges : Not available            G. Flash point : 240°C(COC)            H. Evaporating Rate : Not available            I. Flammability(solid, gas) : Not available            J. Upper/Lower Flammability or explosive limits : Not available            K. Vapour pressure : Not available            L. Solubility : &lt; 0.1%            M. Vapour density : Not applicable            N. Relative density : 0.899(15.6°C)            O. Partition coefficient of n-octanol/water : Not available            P. Auto-ignition Temperature : Not available            Q. Decomposition Temperature : Not available            R. Viscosity : 810(at 100°C, cSt)            S. Molecular weight : 1,400(Mn)</p>									

10	STABILITY AND REACTIVITY	<p>A. Stability</p> <ul style="list-style-type: none"> <li>○ This material is stable under recommended storage and handling conditions</li> </ul> <p>B. Possibility of Hazardous Reaction</p> <ul style="list-style-type: none"> <li>○ May not occur under normal temperature and pressure.</li> </ul> <p>C. Conditions to Avoid</p> <ul style="list-style-type: none"> <li>○ Avoid to exposure to heat, open flames, sparks and other source of ignition.</li> <li>○ Avoid contact with incompatible materials.</li> </ul> <p>D. Materials to Avoid</p> <ul style="list-style-type: none"> <li>○ Strong oxidizing agents : Hazard of fire and explosion</li> </ul> <p>E. Hazardous Decomposition Products</p> <ul style="list-style-type: none"> <li>○ Combustion may produce carbon oxides such as carbon monoxide, carbon dioxide.</li> <li>○ During a fire, thermal depolymerization may produce flammable vapour.</li> </ul>
11	TOXICOLOGICAL INFORMATION	<p>Component Toxicology Information: No known applicable information  Special Hazard Information on Components: No known applicable information.</p>
12	ECOLOGICAL INFORMATION	<p>A. Eco-toxicity :</p> <ul style="list-style-type: none"> <li>○ Acute aquatic toxicity(Fish toxicity, Daphnia toxicity, Algae toxicity)</li> <li>○ Acute fish toxicity :LC50 &gt; 1000 mg/kg(96hrs), Trout</li> </ul> <p>B. Persistence and degradability : This material is not expected to be readily biodegradable.</p> <p>C. Bio-accumulative potential : This material is not expected to be bioaccumulated by environmental food chain.</p> <p>D. Mobility in soil : This material is not likely to move rapidly with surface or groundwater flows.</p> <p>E. Other adverse effects : Not available</p>
13	DISPOSAL CONSIDERATION	<p>A. Disposal methods</p> <ul style="list-style-type: none"> <li>○ The user of this product must properly characterize the waste/container generated from the use of this product in accordance with all applicable federal, state and/or local laws and regulations in order to determine the proper disposal of the waste in accordance with all applicable federal, state and/or local laws and regulations.</li> <li>○ packaging is suitable for recycling</li> </ul> <p>B. Special precautions for disposal :</p> <ul style="list-style-type: none"> <li>○ Nil. This product can generally be discarded into a general waste stream going into landfill or high temperature incineration.</li> <li>○ Dispose of waste in accordance with local regulation.</li> </ul>
14	TRANSPORT INFORMATION	<p>DOT Road Shipment information: Not subject to DOT  Ocean Shipment (IMDG): Not subject to IMDG code.  Air Shipment (IATA): Not subject to IATA regulations.</p> <p>Not catagorised as a Dangerous Good for shipment purposes.</p>
15	REGULATORY INFORMATION	<p>Product (and constituents) is not listed or prescribed by any known regulations.</p>
16	REFERENCE & PRECAUTION	<p>All chemicals may pose unknown hazards and should be used with caution. This Material Safety Data Sheet (MSDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. The physical properties reported in this MSDS are obtained from the literature and do not constitute product specifications. Information contained herein does not constitute a warranty, whether expressed or implied, as to the safety, merchantability or fitness of the goods for a particular purpose. Pesky Ideas Limited assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this MSDS is based on technical data judged to be reliable, Pesky assumes no responsibility for the completeness or accuracy of the information contained herein.</p>