

9. **PHYSICAL PROPERTIES**  
*Initial boiling point (bulk):* 455° F (235° C) (ASTM D-86) *Vapor pressure:* Bulk: <0.10mm @ 70°F(21°C)  
*Percent volatile:* None *Vapor density:* Aerosol: 60 psi @ 75°F (24° C)  
*Density/sp. gravity:* 0.92 *Evaporation rate:* Heavier than air  
*Water solubility:* 0 (emulsifies into water) *Appearance:* Negligible  
*pH:* Neutral *Odor:* Green, oily liquid  
Mild odor
10. **STABILITY AND REACTIVITY**  
*Stability:* Stable  
*Incompatibility:* None  
*Hazardous decomposition products:* When burning, soot, carbon and nitrogen oxides.  
*Reactivity:* None
11. **TOXICOLOGICAL INFORMATION**  
*Carcinogenicity:* Contains no known or suspected carcinogens listed with OSHA, IARC, NTP, or ACGIH.  
*Threshold limit value:* 5 mg/m for oily mist.  
*WHMIS information (Canada):* According to available information, the ingredients have not been found to show reproductive toxicity, teratogenicity, mutagenicity, skin sensitization, or synergistic toxic effects with other materials.
12. **ECOLOGICAL INFORMATION**  
No data is available on ZL-60D. It emulsifies into water and is biodegradable. Its low bulk vapor pressure may exempt it from VOC restrictions. Aerosol propellant is not an ozone depleter.
13. **DISPOSAL**  
As a non-hazardous oily waste, incinerate or send to waste handler who can blend it into secondary fuels.  
*RCRA:* Not a hazardous waste  
*U.S. EPA Waste Number:* None
14. **TRANSPORTATION**  
**U.S. DOT: 49 CFR 172.101 Hazardous Materials Table**  

<i>Proper shipping name:</i>	<u>Non-aerosol</u>	<u>Aerosol</u>
<i>Hazard class or division:</i>	None, not restricted	Consumer commodity
<i>Identification No.:</i>	None	ORM-D
<i>Packing Group:</i>	None	None

  

<b>IATA: List of Dangerous Goods</b>	<u>Non-aerosol</u>	<u>Aerosol</u>
<i>Proper shipping name:</i>	None, not restricted	Aerosols, flammable
<i>Hazard class or division:</i>	None	2.1
<i>Identification No.:</i>	None	UN1950
<i>Packing Group:</i>	None	

  

<b>IMDG: General Index</b>	<u>Non-aerosol</u>	<u>Aerosol</u>
<i>Proper shipping name:</i>	None, not restricted	aerosols
<i>Hazard class or division:</i>	None	2.1
<i>Identification No.:</i>	None	UN1950
<i>Packing Group:</i>	None	
15. **REGULATORY INFORMATION**  
*TSCA:* All ingredients are listed in TSCA inventory.  
*CERCLA:* Not reportable  
*SARA TITLE III, Section 313:* No reportable ingredients  
*California Proposition 65:* Warning: This material may contain trace amounts of chemicals known to the state of California to cause cancer and/or birth defects and/or reproductive harm.  
*WHMIS Class (Canada):* Non-Aerosol: D-2B, Aerosol: A, B-5, D-2B  
**Note:** This MSDS has been prepared to meet WHMIS (Canada) requirements with the exception of using 16 headings.
16. **OTHER INFORMATION**  
*Revision Statement:* Sections: 1, 12  
*Supersedes:* MSDS dated 10/26/04  
*Prepared by:* Shawn Kilty, Research Chemist

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