



## MATERIAL SAFETY DATA SHEET

### SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE :	The Oil is Colorless to Yellow
ODOR :	The Odor is fresh, typical for Lime Oil
REFRACTIVE INDEX :	1.438 @ 20°C
SOLUBILITY :	Soluble in alcohol and oils. Insoluble in water.
SPECIFIC GRAVITY :	0.851 - 0.880 @ 20.0°C
FLASH POINT :	52 °C
MELTING POINT :	N/A
BOILING POINT :	N/A
VAPOR PRESSURE :	N/A
VAPOR DENSITY (AIR = 1) :	N/A
OPTICAL ROTATION :	1°00' - 60°00' @ 25.0°C

### SECTION 10 : STABILITY AND REACTIVITY

STABILITY :	Chemically stable. This material presents no significant reactivity hazard.
CONDITIONS TO AVOID :	Avoid sparks, flame and excessive heat.
MATERIALS TO AVOID :	Strong oxidizing agents.
FLAMMABILITY :	Combustible liquid.
HAZARDOUS POLYMERIZATION :	Will not occur.
HAZARDOUS COMBUSTION :	When heated to decomposition produces acid fumes and carbon monoxide smoke.

### SECTION 11 : TOXICOLOGICAL INFORMATION

INHALATION :	Inhalation of high concentration of vapor may result in irritation on eyes,
SKIN CONTACT :	Repeated or prolonged contact can cause redness, irritation and scaling of skin (Dermatitis).
EYE CONTACT :	May irritate eyes.
INGESTION :	Low order toxicity arising irritation of the stomach and intestines, resulting in nausea and vomiting.
MEDICAL CONDITIONS :	May aggravate dermatitis, psoriasis and other skin conditions
AGGRAVATED BY EXPOSURE :	
REPRODUCTIVE TOXICITY :	No adverse effects on reproduction are known.
ACUTE TOXICITY VALUES :	No data is currently available.

### SECTION 12 : ECOLOGICAL INFORMATION

GENERAL :	Very toxic to aquatic organism; may cause long-term adverse effects in the aquatic environment.
PRODUCTS OF BIODEGRADATION :	Avoid any pollution of ground, surface or underground water.
TOXICITY OF PRODUCTS OF BIODEGRADATION :	

### SECTION 13 : DISPOSAL CONSIDERATION

WASTE DISPOSAL :	Incineration or sanitary landfill in accordance with local, provincial and federal regulations. Check with disposal expert to insure compliance.
------------------	--

### SECTION 14 : TRANSPORT INFORMATION

UN No. :	UN1169 : Liquid aromatic extract CLASS 3	US DOT SHIPPING DESCRIPTION : Class : 3 Flammable liquids
PACKAGING GROUP :	PGIII	IATA SHIPPING (AIR) : Label 3
		IMDG SHIPPING DESCRIPTION : Marine pollutant : yes



### SECTION 15 : OTHER REGULATORY INFORMATION

WHMIS (CANADA) :	Group III, Class 3
HMS (USA) :	Health Hazard - N/A; Fire Hazard - N/A; Reactivity - N/A
SARA 302/ SARA 313 :	None
CALIFORNIA PROPOSITION 65 :	This product does not contain chemical listed per the Safe Drinking Water and Enforcement Act of 1986.
EUROPEAN UNION LABELING :	R10 - Flammable. Xn R22 - Harmful if swallowed. Xi R38 - Irritation to skin S36/37/38 - Wear suitable protective clothing, gloves and eye/face protection.

### SECTION 16 : OTHER INFORMATION

When utilized by professionals following the conventional good manufacturing practices, the aromatic materials are not severely dangerous. However, the preceding precautions and the following general operation rules must be respected. Keep the product away from any food or drink. It is an industrial product and must not be ingested as such. Eating, drinking and smoking should not be permitted in handling and packaging areas. Cases of auto-flammability of several fragrance materials are reported. Consequently, the materials used to mop up the product (sponges, absorbent papers, sawdust, etc...) must be rapidly eliminated. The refuse-bins in the manufacturing areas must be cleared out. Transfer to a flammable waste container and incinerate at approved site. The product must not be heated with, or exposed to, open flames or other sources of ignition. Do not expose the product to unprotected electrical equipment. Never overheat the product. Do not breathe hot vapours. In any case of potential poisoning, get medical advice.

### SECTION 17 : DISCLAIMER

The information above is given in good faith and is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall ZAYAT AROMA INC. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if ZAYAT AROMA INC. has been advised of the possibility of such damages. This data is not to be construed as absolutely complete since additional data may be desirable when particular conditions or circumstances exist. This data relates only to the specific material designated and not to be used in combination with any other material. Many regulations pertain directly or indirectly to the product's end use and disposal of containers and unused material. It is the purchaser's responsibility to familiarize themselves with all applicable regulations.