



Material Safety Data Sheet  
**CLOVE BUD OIL**  
*eugenia caryophyllata*  
 NATURAL ESSENTIAL OIL

Info	Identification
FEMA No	2323
CAS No.	8000-34-8
Chemical Name	
Health	Slightly hazardous
Flammability	Will ignite if overheated
Reactivity	Stable and not reactive with water
Info	Fire, Explosion & Reactivity
Flash Point	200 F
Extinguishing Media	FOG - No   CO2-Yes  FOAM-Yes   DRY - Yes
Dot Classification	Non-Hazardous
Stability	Normally
NFPA Classification	
Fire Fighting	COOL CONTAINERS EXPOSED TO HEAT WITH WATER. WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES
Unusual Fire Hazard	None Known
Hazardous Combustable	NONE
Decomposition Products	
Info	Physical Data
Color & Odour	Amber liquid
Boiling Point	251 C AT 760MMHG
Melting Point	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Water Solubility	Insoluble
Info	Protection Data
Respiratory	Not required but avoid breathing vapor unnecessarily
Ventilation	Provide sufficient mechanical (general and/or local exhaust) ventilation to minimize exposure
Skin	Wear chemically resistant gloves
Eye	Use face shield or safety glasses
Other	Wash hands with soap and water after handling
Info	Occupational Exposure Limit
Threshold Limit	Not established
OSHA Permissible Limit	Not established
Carcinogen	
NTP Limit	NO
IARC Limit	NO
OSHA Limit	NO
Carcinogen Notes	NONE
Info	Health Hazards
Material type	NATURAL ESSENTIAL OIL
Health Hazard	LIQUID MAY IRRITATE EYES-LIQUID MAY IRRITATE SKIN
Primary Entry Routes	INHALATION-SKIN
Health Hazard Notes	REPEATED CONTACT COULD CAUSE ALLERGENIC DERMATITIS
Info	Emergency First Aid
Inhalation	REMOVE PERSON TO FRESH AIR
Eye Contact	FLUSH IMMEDIATELY WITH COLD CLEAN WATER FOR AT LEAST 15 MINUTES-
Skin Contact	THOROUGHLY WASH THE AFFECTED AREA WITH SOAP AND WATER
Ingestion	Flush the mouth with water
First Aid Notes	Material at the concentration supplied is not for ingestion
Info	Spill, Leakage & Disposal Procedures
Spill Procedures	WIPE SMALL SPILLS WITH CLOTH OR OTHER SUITABLE ABSORBENT MATERIAL AND REMOVE TO AN APPROVED-DISPOSAL CONTAINER
Waste Disposal	FOLLOW FEDERAL, STATE AND LOCAL GUIDELINES FOR PROPER WASTE DISPOSAL. THIS IS A FOOD GRADE PRODUCT FOR INDUSTRIAL AND PROFESSIONAL ONLY
Info	Handling and Shipping Procedures
Handling & Shipping Procedures	Handles in accordance with good industrial hygiene and safety practices. These include avoiding unnecessary exposure and handling. Also store in full tight containers away from heat, light and source of ignition
Info	Transportation Data
DOT Proper Shipping Name	NOT REGULATED by IATA, Ships as a food stuff, not to be loaded with incompatible materials including poisons
Info	SARA 313 Chemical Breakdown
SARA Chemical Name	NONE
SARA Concentration	NONE