



NHR ORGANIC OILS

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Material Safety Data Sheet

ORGANIC GINGER - Indonesia

Zingiber officinale

ESSENTIAL OIL

Info	Identification
CAS No.	8007-08-7
Chemical Name	
Health	Slightly hazardous.
Flammability	Will ignite if moderately heated.
Reactivity	Stable and not reactive with water.
Info	Fire, Explosion & Reactivity
Flash Point	154 F
Extinguishing Media	FOG-No CO2-Yes FOAM-Yes DRY-Yes
Dot Classification	
Stability	STABLE
NFPA Classification	
Fire Fighting	Media: CO2, Foam, Dry chemicals Procedures: Closed containers may build up pressure at elevated temperatures. If possible, containers should be cooled with a water spray.
Unusual Fire Hazard	NOT ESTABLISHED
Hazardous Combustible Decomposition Products	NONE
Info	Physical Data
Colour & Odour	ODOUR: Having characteristic spicy odour of ginger. APPEARANCE: Light yellow to yellow clear liquid.

Boiling Point	N/A
Melting Point	N/A
Vapour Pressure	N/A
Vapour Density	N/A
Water Solubility	INSOLUBLE
Info	Protection Data
Respiratory	Avoid breathing directly on the product. Apply local ventilations when Appropriate. MATERIAL IS RATED TOXIC BY INHALATION OR IF THE MATERIAL IS TO BE USED IN A CONFINED AREA.
Ventilation	VENTILATION MEETING ACGIH STANDARDS SHOULD BE EMPLOYED.
Skin	CHEMICAL OR RESISTANT GLOVES ARE RECOMMENDED.
Eye	THE USE OF GOGGLES OR A FACE SHEILD IS RECOMMENDED.
Other	Wash hands with soap and water after handling
Info	Occupational Exposure Limit
Threshold Limit	NOT ESTABLISHED
OSHA Permissible Limit	NOT ESTABLISHED
Carcinogen	NOT A CARCINOGEN OR POTENTIAL CARCINOGEN
NTP Limit	NO
IARC Limit	NO
OSHA Limit	NO
Carcinogen Notes	
Info	Health Hazards
Material Type	NATURAL ESSENTIAL OIL
Health Hazard	THIS IS A NATURAL ESSENTIAL OIL.
Primary Entry Routes	INHALATION-SKIN
Health Hazard Notes	LIQUID MAY IRRITATE EYES AND SKIN OR CAUSE DERMATITIS. REPEATED SKIN CONTACT COULD CAUSE ALLERGENIC DERMATITIS.
Info	Emergency First Aid
Inhalation	REMOVE PERSON TO FRESH AIR, CONTACT PHYSICIAN IF NECESSARY.
Eye Contact	FLUSH IMMEDIATELY WITH COLD CLEAN WATER FOR AT LEAST 15 MINUTES, CONTACT PHYSICIAN IMMEDIATELY

Skin Contact	THOROUGHLY WASH THE AFFECTED AREA WITH SOAP AND WATER. TAKE OFF SPOILT CLOTHES. FLUSH-WITH LARGE QUANTITIES OF WATER. IF IRRITATION PERSISTS, CALL A PHYSICIAN.
Ingestion	WASH THE MOUTH WITH WATER.-LOCAL POISON CONTROL CENTER IMMEDIATELY.
First Aid Notes	MATERIAL AT THE CONCENTRATION SUPPLIED IS NOT FOR INGESTION.
Info	Spill, Leakage & Disposal Procedures
Spill Procedures	REMOVE ANY SOURCE OF FLAME OR SPARKS. IF IN A CONFINED AREA, NIOSH-APPROVED RESPIRATORY PROTECTION MAY BE REQUIRED. ABSORB SPILLS WITH-VERMICULITE OR OTHER SUITABLE ABSORBENT MATERIAL AND REMOVE TO AN APPROVED-DIPOSAL CONTAINER.
Waste Disposal	FOLLOW LOCAL LAWS.
Info	Handling & Shipping Procedures
Handling & Shipping Procedures	STORE IN COOL, DRY AND VENTILATED AREA AWAY FROM HEAT SOURCES LAND PROTECTED FROM LIGHT IN TIGHTLY CLOSED ORIGINAL CONTAINER, KEEP AIR CONTACT TO A MINIMUM
Info	SARA 313 Chemical Breakdown
SARA Chemical Name	OIL GINGER, ZINGIBER OFFICINALE ROSCOE
SARA Concentration	