

MATERIAL SAFETY DATA SHEET (MSDS)



GUAIAAC WOOD OIL

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product name: Guaiacwood oil
Material code: 4
Identification of company: HEFFNER OIL
Manufacture: HEFFNER OIL
Botanical name: Bulnesia Sarmientoi
Address: Pibernus N° 2074
Tel./ Fax: +54 364 - 4541414
Email: waldoheffner@hotmail.com
Country: Argentina
Technical services: +54 364 - 44 23076
Emergency contact: Waldo Heffner
Emergency phone number: +54 364 - 4541414

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

Essential oils main compounds: Guaiol - Bulnesol
CAS n°: 8016-23-7
EC number: 289-632-8

SECTION 3 - HAZARDS IDENTIFICATION

Emergency overview: All constituents are not considered hazardous
Health: No significant risk to health
Flammability: Keep away from open flame
Physical Hazard: Material is stable
Classification according to the Regulation EC No 1272/2008: Not classified as dangerous
Classification according to the Directive 67/548 EEC: Not classified as dangerous

SECTION 4 - FIRST AID MEASURES

Oral Exposure If swallowed, wash mouth with water, may cause stomach distress, nausea or vomiting, see physician if symptoms persist. Inhalation Exposure If symptoms develop move victim to fresh air. Dermal Exposure Wash off with soap and water, take off soiled clothes. Eye Exposure Wash with water for 15 minutes, remove contact lenses. If symptoms persist consult with physician.

SECTION 5 - FIRE FIGHTING MEASURES

Flash point: 125°C
Flammability: N/A
Extinguishing media: Foam or dry powder

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precaution: Use protection equipment
Environmental precaution: In case of spilling call the fire department, the product should not contaminate existing water canals
Clean up methods: Cover with sand and collect with shovel into a metal container

SECTION 7 - HANDLING AND STORAGE

Handling good ventilation. Do not eat, drink or smoke during handling storage. Keep out of reach of children; keep away from open flame; keep tightly closed.

MATERIAL SAFETY DATA SHEET (MSDS)



GUAIAAC WOOD OIL

SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure controls:	None required
Respiratory protection:	None required if good ventilation is maintained
Hand protection:	Use gloves for handling
Eye protection:	Protective lenses
Skin protection:	Avoid contact with skin

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid at room temperature - beige / pale color
Odour	Woody
Boiling point	100 ° C
Melting point	50 ° C
Autoflamability	Not
Explosive properties	None
Oxidising properties	None
Relative density	0.9662 1 g/cm ³
Flash point	125 ° C
Water solubility	Not soluble in water
Soluble in	Alcohol
Oil solubility	Yes
Refractive index at 20°C	15.020

SECTION 10 - STABILITY AND REACTIVITY

Conditions to avoid	Keep away from open flame
Materials to avoid	Strong oxidizing agents, strong reducing agents
Decomposition	Carbon monoxide and unidentified organic compounds may be formed during combustion
Reactivity	It presents no significant reactivity hazards, by itself or in contact with water

SECTION 11 - ECOLOGICAL INFORMATION

Ecotoxicity	Not determined
Biodegradability of surfactant agents containing the formulation:	Avoid contact with ground, superficial waters and subterranean waters.
WGK:	2 Classification according to annex 3

SECTION 12 - DISPOSAL CONSIDERATION

Product:	Contact licensed professional waste disposal service to dispose of this material. Observe all federal, state, and local environmental regulations, avoid disposing into drainage systems and into environment.
Packaging:	Recycle

MATERIAL SAFETY DATA SHEET (MSDS)



GUAIAAC WOOD OIL

SECTION 13 - TRANSPORT INFORMATION

Road and rail transport:	ADR
UN No:	N/A
Proper shipping name:	Not subject to ADR
Packing Group:	-
Class:	-
Sea freight:	-
UN No:	N/A
Proper shipping name:	Not restricted
Packing group:	-
Class:	-
Air:	Freight
UN No:	N/A
Proper shipping name:	Not restricted
Packing group:	-
Class:	-

SECTION 14 - INFORMATION RELATED TO TRANSPORT

14.1 Number ONU		
ADR / RID: -	IMDG: -	IATA: -
14.2 Proper shipping name ONU		
ADR / RID: Not dangerous goods		
IMDG: Not dangerous goods		
IATA: Not dangerous goods		
14.3 Transport hazard class (es)		
ADR / RID: -	IMDG: -	IATA: -
14.4 Packing group		
ADR / RID: -	IMDG: -	IATA: -
14.5 Environmental hazards		
ADR / RID: no	IMDG Marine pollutant: not	IATA: no
14.6 Special precautions for users		
No data available		

SECTION 15 - REGULATORY INFORMATION

R sentences	Not necessary
S sentences	Not necessary

SECTION 16 - OTHER INFORMATION WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regards to appropriate safety precautions.