



MATERIAL SAFETY DATA SHEET

Date of issue

07.01.2020

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT NAME: CLOVE OIL

DEFINATION : CLOVE OIL Obtained of the LEAF of the (EUGENIA CARYOPHYLLATA)
by the process of STEAM DISTILLED.

CAS NUMBER : 8000-34-8

STATUS : Natural

SUPPLIER : Phytos Natur CZ s.r.o.
Okrouhelská 258,
252 45 Oleško

2. HAZARDS IDENTIFICATION

Non-Hazardous according to current regulations

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition : CLOVE OIL Obtained of the LEAF of the (EUGENIA CARYOPHYLLATA)
by the process of STEAM DISTILLED.

Application : Emollient, Skin conditioning

4. FIRST-AID MEASURES

Skin contact: Wash with water and soap.

Eye contact : Flush with water.

Ingestion : If swallowed seek medical advice immediately.

Inhalation Move to fresh air in case of accidental inhalation vapours.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide, foams, inert powder.

Extinguishing media to avoid: Water

Special exposure hazards: Fine oil mists may be hazardous. On extreme long heating at high temperature gaseous components occur of acrolein variety. Protection against fire: Standard

6. ACCIDENTAL RELEASE MEASURE

EMERGENCY PROCEDURE/ENVIRONMENTAL PRECAUTIONS- Shut of all possible sources of ignition. Clear area of all un-protected personnel increase ventilation of contamination of sewers of waterways has occurred advise local emergency services.

PERSONAL PRECAUTIONS/PROTECTIVE EQUIPMENT- Slippery when spilt. avoid accidents clean up immediately wear protective equipment to prevent skin and eye contact and breathing in vapors work up wind or increase ventilation contain prevent run off into drains and waterways use absorbent (soil sand or other inert material) use non-sparking tools collect and seal in properly labelled containers or drums for disposal.

7. HANDLING AND STORAGE

At times oil-soaked materials may spontaneously combust. Use only in well ventilated areas, avoid contact with skin, eyes and clothing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION-Avoid breathing product vapour.

VENTILATION-Ensure good ventilation of working area.

OVERALLS SAFETY SHOES, SAFETY GLASSES, GLOVES.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCES : LIGHT YELLOW
ODOUR : STRONG & CHARACTERSTIC ODOUR & CLOVE AROMA
FLASH POINT : 134°C
BOILING POINT : 189°C
OPT.ROTATION : - 0.52
REF.INDEX : 1.5258
SP.GRAVITY : 1.0253
SOLUBILITY : INSOLUBLE IN WATER

10. STABILITY AND REACTIVITY

Conditions to avoid: High temperature near flash point.

Materials to avoid: Strong acids and oxidizing agents.

Hazardous decomposition products: No decomposition if stored normally.

Hazardous reactions: Polymerization not likely to occur

Shelf Life: Minimum 12 months when stored in nitrogen flushed containers.

11. TOXICOLOGICAL INFORMATION

Non toxic product.

12. ECOLOGICAL INFORMATION

Readily biodegradable.

13. DISPOSAL CONSIDERATION

Refer to local government authority for disposal recommendations dispose of material through a licensed waste contractor normally suitable for incineration by an approved agent.

14. TRANSPORT-INFORMATION

Not dangerous product.

Classification: Not classified RID/ADR/IMDG.

15. REGULATORY INFORMATION

In compliance with the requirements in the current cosmetics directives 67/548 EEC et 1999/45/CE.

16. OTHER INFORMATION

The information contained here in is accurate to the best of our knowledge. No liability can be accepted arising out of the use, application or processing of this product. It is the Users responsibility to determine safe conditions for the use of this material