



BULKNATURALOILS.COM
JEDWARDS
INTERNATIONAL, INC.

SAFETY DATA SHEET

01. IDENTIFICATION

NAME OF PREPARATION OR SUBSTANCE:
CAS NO.:
SUPPLIER NAME:
SUPPLIER ADDRESS:

TELEPHONE NUMBER:
RECOMMENDED USE:
EMERGENCY TELEPHONE NUMBER:

Clove Bud Oil
8000-34-8
Jedwards International, Inc.
141 Campanelli Drive
Braintree, MA 02184 USA
(617)472-9300
For manufacturing and repackaging use only
Chemtrec 1-800-424-9300 (24 hrs)

02. HAZARD IDENTIFICATION

EYE CONTACT:
SKIN CONTACT:

Undiluted product could be irritating.
Prolonged exposure to undiluted product could be irritating.

INHALATION:

Undiluted product could be intoxicating and irritating if overexposed.

INGESTION:

Undiluted product could be irritating to the mouth and upper digestive tract.

03. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:

Product is obtained by the steam distillation from the buds of *Eugenia caryophyllata*. (Family: *Mrtaceae*).

04. FIRST AID MEASURES

EYE CONTACT:

Irrigate eye with plenty of water for 15 minutes, if irritation persists seek medical advice.

INHALATION:

Remove casualty to fresh air, remove any contaminated clothing. Seek medical advice for any breathing difficulty.

INGESTION:

Dilute internally with water, do not induce vomiting. Seek medical advice immediately.

Women who are pregnant or nursing should avoid contact with Clove Bud Oil.

05. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:

Carbon Dioxide, foam, dry chemicals extinguishers should be used. Do not use water.

SPECIAL FIREFIGHTING PROCEDURES:

Wear Self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.



BULK N A T U R A L O I L S . C O M
JEDWARDS
I N T E R N A T I O N A L , I N C .

06. ACCIDENTAL RELEASE MEASURES

1. Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Keep people away, evacuate area.
2. To avoid possible contamination of the environment, Do not discharge into any drains, surface water or groundwater.
3. Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Place in covered containers using non-sparking tools and transport outdoors.
4. Avoid open flames or sources of ignition (e.g. pilot lights on gas hot water heater). Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with current laws and regulations.

07. HANDLING & STORAGE

1. Measures should be taken to prevent materials from being splashed into the eyes or on the skin. Wear eye shields and protective clothing. Smoking should not be permitted in work areas.
2. Provide suitable air extraction ventilation in the work areas. Vapors may form explosive mixtures with air. Keep material away from sources of ignition (e.g. hot surfaces, sparks, flame and static discharges).
3. To be stored in tightly sealed and preferably full containers in cool, dry and ventilated area. Protect from heat/overheating and light sources.
4. Keep in glass, suitable plastic, aluminum or lacquer-lined containers.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:

Do not breathe vapors. Mechanical exhaust required. In confined or poorly ventilated areas, the use of an appropriate respiratory protection may be required.

HAND PROTECTION:

Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.

EYE PROTECTION:

Chemical safety goggles are recommended. Wash contaminated goggles before reuse.

BODY PROTECTION:

Light protective clothing recommended. Wash contaminated clothing before reuse.

HYGIENE MEASURES:

Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Safety shower and eye bath recommended.

09. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE:

Mobile liquid.

COLOR:

Natural variation

SPECIFIC GRAVITY:

1.025 – 1.065 @ 25°/25°C

REFRACTIVE INDEX:

1.525 – 1.545 @ 20°C



BULK N A T U R A L O I L S . C O M
JEDWARDS
I N T E R N A T I O N A L , I N C .

OPTICAL ROTATION:
SOLUBILITY:

Soluble in 2 volume of 70% ethanol.

SOLUBILITY IN WATER:
FLASH POINT:

Insoluble
93.33°C

10. STABILITY & REACTIVITY

STABILITY:
CONDITIONS TO AVOID:

Stable
Heat, excessive heat, open flames and other sources of ignition.

11. TOXICOLOGICAL INFORMATION

No information available

12. ECOLOGICAL INFORMATION

MOBILITY:
DEGRADATION:
ACCUMULATION:

Very low water solubility and will form a surface film.
Generally biodegradable.
Unlikely to bio accumulate. Contaminated water must be cleared before entering sewerage.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all federal, state and local environmental regulations.

14. TRANSPORT INFORMATION

LAND TRANSPORT (ADR/RID):
MARINE TRANSPORT (IMDG):
AIR TRANSPORT (IATA):

Not Regulated.
Not Regulated.
Not Regulated.

15. REGULATORY INFORMATION

No information available

16. OTHER INFORMATION

Essential oils must be diluted prior to use. It is the sole responsibility of the user to determine the method and amount of dilution required for safe use, which may vary depending on the nature of the intended use. Keep away from children and pregnant women.
Not for ingestion.
Not for use in food applications.

Revised on 12/10/2020

The information provided above is intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel using this product. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Although Jedwards International, Inc. believes the above information to be accurate based on the information available to Jedwards, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Jedwards meets their quality requirements and is appropriate for the use to which the product is to be put. Use and purchase of this material is subject to Jedwards International, Inc. standard terms and conditions, which supersede any conflicting terms contained on Buyer's purchase order or any document or instrument supplied by Buyer.