

Safety Data Sheet

Stock Number: FRCLO
Revision Date: 03-15-2021
Replaces: None

CLOVE

1. Identification

Product identifier used on the label: CLOVE
Stock Number: FRCLO

Other means of identification:
Synonyms: None

Recommended use of the chemical and restrictions on use:
Recommended use: Fragrance
Restrictions on use: Uses other than recommended use.

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party: P&J TRADING
1313 CALLE AVANZADO
SAN CLEMENTE, CA 92673

Telephone number: EMERGENCY PHONE: (800) 535-5053
INFORMATION PHONE: 888-614-2112
IF SWALLOWED CALL YOUR POISON CONTROL CENTER AT 1-800-222-1222

2. Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

GHS Hazard Symbols:



GHS Classification: Skin Sensitisation Category 1A
Carcinogenicity Category 1B
Aspiration Hazard Category 1
Serious Eye Damage/Eye Irritation Category 2A

Signal Word: Danger

Hazard Statements: May be fatal if swallowed and enters airways.
May cause an allergic skin reaction.
Causes serious eye irritation.
May cause cancer.

Safety Data Sheet

Product identifier used on the label: CLOVE

Stock Number: FRCLO

Revision Date: 03-15-2021

Replaces:

Precautionary Statements:

Prevention:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

Response:

If swallowed: Immediately call a poison center/doctor. If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Do NOT induce vomiting. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse.

Storage:

Store locked up.

Disposal:

Dispose of contents/container to a suitable disposal site in accordance with local/national/international regulations.

Hazards not otherwise classified:

None Known

3. Composition/information on ingredients

Chemical Name	Common name and synonyms	CAS #	%
Oils, clove	None	8000-34-8	10 - 30
Bicyclo[7.2.0]undec-4-ene, 4,11,11-trimethyl-8-methylene-, (1R,4E,9S)-	None	87-44-5	1 - 5
2-Propenal, 3-phenyl-	None	104-55-2	1 - 5
2H-1-Benzopyran-2-one	None	91-64-5	0.1 - 1
Oils, nutmeg	None	8008-45-5	0.1 - 1
Oils, rosemary	None	8000-25-7	0.1 - 1

One or more hazardous ingredient(s) is claimed as a trade secret under the OSHA Hazard Communication Standard. The hazards of this (these) ingredient(s) are given on this SDS.

4. First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

Inhalation:

This material does not present a hazard if inhaled. Remove individual to fresh air after an airborne exposure if any symptoms develop, as a

Safety Data Sheet

Product identifier used on the label: CLOVE

Stock Number: FRCLO

Revision Date: 03-15-2021

Replaces:

Eye Contact:	precautionary measure. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin Contact:	If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
Ingestion:	If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting.
Most important symptoms/effects, acute and delayed:	May be fatal if swallowed and enters airways May cause an allergic skin reaction Causes serious eye irritation
Indication of immediate medical attention and special treatment needed, if necessary:	If exposed or concerned: Get medical advice/ attention.

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media: Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do Not direct a stream of water into the hot burning liquid.

Unsuitable extinguishing media: None Known

Specific hazards arising from the chemical: Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire. Combustible at elevated temperatures

Hazardous combustion products: Carbon Oxides

Special protective equipment and precautions for fire-fighters: Do not enter fire area without proper protection including self- contained breathing apparatus and full protective equipment. Use methods for the surrounding fire.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: No health affects expected from the clean-up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section VIII of this MSDS

Methods and materials for containment No special spill clean-up considerations. Collect and discard in regular

Safety Data Sheet

Product identifier used on the label: CLOVE

Stock Number: FRCLO

Revision Date: 03-15-2021

Replaces:

and cleaning up: trash.

7. Handling and storage

Precautions for safe handling: Mildly irritating material. Avoid unnecessary exposure.

Conditions for safe storage, including any incompatibilities:

Safe storage conditions: Store in a cool dry place. Isolate from incompatible materials.

Materials to Avoid/Chemical Incompatibility: Strong oxidizing agents, Strong bases

8. Exposure controls/personal protection

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

Chemical component	OSHA PEL	ACGIH TLV	ACGIH STEL	IDLH
No Data Available				

Appropriate engineering controls: General room or local exhaust ventilation is usually required to meet employee exposure standards and/or to ensure employees are not overexposed to airborne material as described in Section III.

Individual protection measures, such as personal protective equipment:

Respiratory Protection: Avoid breathing dust/fume/gas/mist/vapors/spray.

Eye protection: Wear safety glasses with side shields and a Face shield

Skin protection: Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Gloves: No information available

General hygiene conditions: Wear protective gloves/protective clothing/eye protection/face protection. Contaminated work clothing should not be allowed out of the workplace. Wash thoroughly after handling.

9. Physical and chemical properties

Appearance (physical state, color etc.):

Physical state: Liquid

Color: Very pale yellow

Safety Data Sheet

Product identifier used on the label: CLOVE

Stock Number: FRCLO

Revision Date: 03-15-2021

Replaces:

Odor:	Comparable to Standard
Odor Threshold:	Not determined
pH:	Not applicable
Melting point/freezing point:	
Melting Point:	No Data Available ° C
Freezing point:	No Data Available
Initial boiling point and boiling range:	484 ° F
Flash Point:	> 200 ° F
Evaporation Rate:	Not determined
Flammability (solid, gas):	No Data Available
Upper/lower flammability or explosive limits:	
Upper flammability or explosive limits:	Not Available
Lower flammability or explosive limits:	Not Available
Vapor pressure:	No Data Available
Vapor density:	> 1
Relative density:	1
Solubility(ies):	Soluble in water- No
Partition coefficient: n-octanol/water:	No Data Available
Auto-ignition temperature:	No Data Available
Decomposition temperature:	246
Viscosity:	No Data Available
Volatile Organic Chemicals:	0.69
Bulk Density:	7.894

10. Stability and reactivity

Reactivity:	Not expected to be reactive
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	None expected under standard conditions of storage
Conditions to avoid (e.g., static discharge, shock, or vibration):	Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition.
Incompatible materials:	Strong oxidizing agents, Strong bases

Safety Data Sheet

Product identifier used on the label: CLOVE

Stock Number: FRCLO

Revision Date: 03-15-2021

Replaces:

Hazardous decomposition products: Carbon Oxides

11. Toxicological information

Description of the various toxicological (health) effects and the available data used to identify those effects:

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Skin Eye

Symptoms related to the physical, chemical and toxicological characteristics: May be fatal if swallowed and enters airways May cause an allergic skin reaction Causes serious eye irritation

Delayed and immediate effects and also chronic effects from short- and long-term exposure:

Ingestion Toxicity: None Known

Skin Contact: No Data Available

Inhalation Toxicity: No Data Available

Eye Contact: Causes serious eye irritation

Sensitization: May cause an allergic skin reaction

Reproductive and Developmental Toxicity: No Data Available

Carcinogenicity: Classification has been based on toxicological information of the components in Section 3.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Classification has been based on toxicological information of the components in Section 3.

Numerical measures of toxicity (such as acute toxicity estimates):

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
No data available			

Is the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA:

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
No Data Available			

Safety Data Sheet

Product identifier used on the label: CLOVE

Stock Number: FRCLO

Revision Date: 03-15-2021

Replaces:

12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available): No Data Available

Ecological Toxicity Data:

Chemical Name	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
No Data Available				

Persistence and degradability: No data

Bioaccumulative potential: No Data Available

Mobility in soil: No Data Available

Other adverse effects (such as hazardous to the ozone layer): None Known

13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging: Spent or discarded material is not expected to be a hazardous waste.

14. Transport information

Carriage of dangerous goods by road (DOT), rail or inland waterways:

UN number: Not Restricted
UN Proper shipping name: No Data Available
Transport hazard class(es): No Data Available
Packing group, if applicable: No Data Available
DOT Basic description: No Data Available

International carriage of dangerous goods by sea (IMDG/IMO):

UN number: Not Restricted
UN Proper shipping name: No Data Available
Transport hazard class(es): No Data Available
Packing group, if applicable: No Data Available

Safety Data Sheet

Product identifier used on the label: CLOVE

Stock Number: FRCLO

Revision Date: 03-15-2021

Replaces:

International carriage of dangerous goods by air (IATA):

UN number: Not Restricted
UN Proper shipping name: No Data Available
Transport hazard class(es): No Data Available
Packing group, if applicable: No Data Available

Environmental hazards (e.g., Marine pollutant (Yes/No)): No

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): No Data Available

Special precautions which a user needs to be aware of or needs to comply with in connection with transport or conveyance either within or outside their premises: No Data Available

15. Regulatory information

Safety, health and environmental regulations specific for the product in question:

TSCA Status: All components in this product are on the TSCA Inventory.

Regulated Components:

Chemical Name	CAS #	CERCLA	Sara EHS	Sara 313	U.S. HAP
No Data Available					

Chemical Name	CAS #	California Prop 65 - Cancer	California Prop 65 - Dev. Toxicity	California Prop 65 - Reprod fem	California Prop 65 - Reprod male
No Data Available					

Chemical Name	CAS #	Massachusetts RTK List	New Jersey RTK List	Pennsylvania RTK List	Rhode Island RTK List	Minnesota Hazardous Substance List
No Data Available						

Safety Data Sheet

Product identifier used on the label: CLOVE

Stock Number: FRCLO

Revision Date: 03-15-2021

Replaces:

16. Other information, including date of preparation or last revision.

SDS Prepared by: CJ

Revision Date: 03-15-2021

Revision Number: 1

Reason for revision: Activated by Document Formulation Generation

Disclaimer: Important: While the descriptions, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you perform an assessment to determine the suitability of the product for your particular purpose prior to use. Nothing herein should be interpreted as a recommendation to infringe existing patents or violate any laws or regulations. No warranties of any kind, either expressed or implied, including fitness for a particular purpose are made regarding the product described. We assume NO responsibility for any injuries resulting from misuse or misapplication of this product or that might be sustained because of inhalation, ingestion, absorption or other contact with this product. In no case shall the descriptions, information, or data provided be considered a part of our terms and conditions of sale. Further, the descriptions, data and information furnished hereunder are given gratis. No obligation or liability for the description, data and information given are assumed. All such being given and accepted at your risk.