



SAFETY DATA SHEET

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Version : 6G
Revision : 12/03/17
Replace : 11/02/15
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Geranium Oil Certified Organic 2229 (1SC 02752)

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : Geranium Oil Certified Organic 2229 (1SC 02752)
REACH REGISTRATION NUMBER :
TYPE OF PRODUCT : Essential Oil
CHEMICAL NAME : Pelargonium X asperum Ehrhart ex Willdenow
CAS NUMBER : 8000-46-2
EINECS NUMBER : 290-140-0
CAS EINECS : 90082-51-2
FEMA NUMBER : 2508
INCI NAME : PELARGONIUM GRAVEOLENS FLOWER OIL
IDENTIFICATION OF USAGE : Industrial
SUPPLIER : BONTOUX ORGANICS
21 Progress Street
Edison, New Jersey 08820
United States of America
Ph: 908-444-7022
Fax : 908-755-4844
24 hours emergency telephone number (CHEMTREC) : 800-424-9300



2. HAZARDS IDENTIFICATIONS

CLASSIFICATION ACCORDING TO GHS REGULATION :

Physical hazard : FL 4
Health Hazards : AH 1, EDI 1, SCI 2, SS 1
Environmental Hazards : EH-A 2, EH-C 2



WORDS OF WARNING:

DANGER

PARTICULAR RISKS :

H227 Combustible liquid.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H401 Toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.



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PRECAUTIONARY STATEMENT
PREVENTION :

P210 Keep away from heat, sparks, open flames or hot surfaces. – No smoking.

P261 Avoid breathing dust, fume, gas, mist, vapours, spray.

P264 Wash parts in contact thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves, protective clothing, eye protection, face protection.

PRECAUTIONARY STATEMENT
RESPONSE :

P301+P310 IF SWALLOWED : Immediately call a POISON CENTER or doctor/physician.

P302+P352 IF ON SKIN : Wash with plenty of soap and water.

P305+P351+P338 IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.

P321 Specific treatment.

P331 Do NOT induce vomiting.

P332+P313 If skin irritation occurs : Get medical advice.

P333+P313 If skin irritation or rash occurs : Get medical advice.

P362 Take off contaminated clothing and wash before reuse.

P363 Wash contaminated clothing before reuse.

P370+P378 In case of fire : Use CO2 foam, dry chemical for extinction.

P391 Collect spillage.

PRECAUTIONARY STATEMENT
STORAGE :

P403+P235 Store in well-ventilated place. Keep cool.

P405 Store locked up.

PRECAUTIONARY STATEMENT
DISPOSAL :

P501 Dispose of contents and/or container in accordance with local, regional, national and/or international regulation.

PARTICULAR MENTION :

Not available.

OTHERS :

Not available.

LIMITS OF EXPOSURE :

Not available.



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3. COMPOSITION INFORMATION

INGREDIENT CONTRIBUTING TO THE HAZARD	CONTENT
Citronellol (CAS : 106-22-9) 1999/45/CE : N;XI;R38;R43;R51/53;S24;S37;S61 GHS : ATD 5 (2,650), ATO 5 (3,450), EDI 2A, EH-A 2, SCI 2, SS 1B	<50%
Geraniol (CAS : 106-24-1) 1999/45/CE : XI;R38;R41;R43;S24;S26;S37;S39 GHS : ATO 5 (3,600), EDI 1, EH-A 3, SCI 2, SS 1	<25%
Linalol (CAS : 78-70-6) GHS : ATO 5 (2,790), EDI 2A, EH-A 3, FL 4, SCI 2, SS 1B	<15%
Menthone (CAS : 10458-14-7) 1999/45/CE : XI;R38;R43;S24;S36/37 GHS : ATO 5 (2,500), EH-A 3, FL 4, SCI 2, SS 1B	<5%
Citral (CAS : 5392-40-5) 1999/45/CE : Xi;R38;R43;S24/25;S37 GHS : ATD 5 (2,250), EDI 2A, EH-A 2, SCI 2, SS 1B	<4%
Pinènes (CAS : 80-56-8(alpha)+127-91-3(beta)) 1999/45/CE : N;XI;XN;R10;R38;R43;R50/53;R65;S24;S36/37;S62 GHS : AH 1, ATO 5 (3,500), EH-A 1, EH-C 1, FL 3, SCI 2, SS 1B	<2%
Limonène (CAS : 138-86-3) 1999/45/CE : N;XN;R10;R38;R43;R50/53;R65;S02;S24;S37;S60;S61;S62 GHS : AH 1, EH-A 1, EH-C 1, FL 3, SCI 2, SS 1B	<1%

4. FIRST-AID MEASURES

INGESTION : Do not try to vomit. Rinse mouth. Consult a doctor.
EYE CONTACT : Wash immediately and abundantly the eyes with a good running water at low pressure. Consult an ophthalmologist.
SKIN CONTACT : Sprinkle abundantly with water during at least 15 minutes.
INHALATION : Remove victim to fresh air

5. FIRE FIGHTING

EXTINGUISHING MEDIA : *SUITABLE* : CO2 foam, dry chemical.
NON SUITABLE : Water.
SPECIFIC METHODS OF FIRE FIGHTING :
None.
SPECIAL EQUIPMENT FOR THE PROTECTION OF FIRE FIGHTERS :
No.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS : Avoid all contact with eyes and mucous.
ENVIRONNEMENTAL PRECAUTIONS : Don't throw it in sewer nor in natural environment.



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METHODS FOR CLEANING-UP : Recover in a tight container.
Wash with plenty of water after complete elimination of the product.

7. HANDLING AND STORAGE

HANDLING : Avoid contact with eyes and mucous.
STORAGE : Keep away from humidity in a fresh place. Keep container closed after using.
OTHER : See Section 8.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION : Assure a good ventilation of work place.
HAND PROTECTION : Plastic or synthetic rubber impermeable gloves.
EYE PROTECTION : Goggles giving complete protection to eyes. Eyewash bottle with clean water.
SKIN AND BODY PROTECTION : Clothes for chemical protection to avoid contact.
INGESTION : Do not eat, drink and smoke while using
INDUSTRIAL HYGIENE : Provide an extraction or global ventilation of the work place to reduce concentrations of the steams.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM : Liquid
COLOR : Yellow green to green
ODOR : Fresh spicy green minty rose-like
ODOR THRESHOLD : Data not found
pH : Data not found
MELTING POINT : Data not found
BOILING POINT : Data not found
FLASHPOINT (closed cup) : 87 °C / 188.6 °F
EVAPORATION RATE: Data not found
FLAMMABILITY : Data not found
EXPLOSIVE LIMITS : Data not found
VAPOR PRESSURE : ~0.08 mm Hg @ 20°C
VAPOR DENSITY : Data not found
SPECIFIC GRAVITY : 0.89
SOLUBILITY IN WATER : Insoluble
Log K (n-octanol/water) : Data not found
AUTOIGNITION TEMP. : Data not found
DECOMPOSITION TEMP. : Data not found
VISCOSITY : Data not found
EXPLOSIVE PROPRIETIES: Data not found
OXIDIZING PROPRIETIES: Data not found



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OTHER DATA : Data not found

10. STABILITY AND REACTIVITY

REACTIVITY : No data available.
CHEMICAL STABILITY : No data available.
POSSIBILITY OF HAZARDOUS REACTION : None in normal conditions.
CONDITIONS TO AVOID : Excessive heat.
INCOMPATIBLE MATERIALS: Strongly oxidising and reducing agents.
HAZARDOUS DECOMPOSITION PRODUCTS : None in normal conditions.
OTHERS : None.

11. TOXICOLOGICAL INFORMATION

INGESTION : Can be noxious.
SKIN CONTACT : Can induce irritations.
EYE CONTACT : Serious eye damage/eye irritation
INHALATION : No specific hazard in normal use.
ASPIRATION : Aspiration hazard
SPECIFIC EFFECTS : No information available.

12. ECOLOGICAL INFORMATION

TOXICITY : See Section 2
PERSISTENCE / DEGRADABILITY : No information available.
BIOACCUMULATION POTENTIAL : No information available.
RESULTS OF PBT AND vPvB ASSESSMENT : No information available.
MOBILITY IN SOIL : No information available.
WGK : 2
OTHER ADVERSE EFFECTS : Not known.

13. DISPOSAL CONSIDERATION

To comply with the regulations and prefectoral orders in use.
Throwing out forbidden. Packaging must be well emptied

14. TRANSPORT INFORMATION MEASURES

RID / ADR

Not Classified



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IMCO / IMDG

Not classified

OACI / IATA

Not classified

Labelling according to RID / ADR, IMCO / IMDG, OACI / IATA

No label for transport

15. REGULATORY INFORMATION

LABELLING ACCORDING TO GHS REGULATION :

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Health Hazards : AH 1, EDI 1, SCI 2, SS 1

Environmental Hazards : EH-A 2, EH-C 2



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PREVENTION :

PRECAUTIONARY STATEMENT
RESPONSE :

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P331 Do NOT induce vomiting.

PRECAUTIONARY STATEMENT
DISPOSAL :

PARTICULAR MENTION :

OTHERS :

LIMITS OF EXPOSURE :

P501 Dispose of contents and/or container in accordance with local, regional, national and/or international regulation.

Not available.

Not available.

Not available.

OTHER CLASSIFICATIONS :

DOT CLASSIFICATION :

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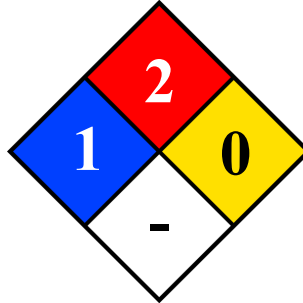
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NFPA CLASSIFICATION :



NIOSH : Not available
THRESHOLD LIMIT VALUE - TLV : Not available
OSHA PERMISSIBLE EXPOSURE LIMIT - PEL : Not available
IAS THE SUBSTANCE BEEN LISTED AS CARCINOGEN : Not available
SARA 313 : Not available

16. OTHER INFORMATION

The content and format of this safety data sheet are in accordance with EC Regulation No. 1907/2006 of the European Parliament and Council

Respect safety measures usually applied during the production of perfumery products.

This data sheet completes the technical use notice, but doesn't replace it. These information are based on our actual knowledge for the above mentioned product at the edition date of this data sheet. They are given in good faith.

In any case user is not exempted to know and apply all texts which regulate this activity. He will take under his own responsibility the precautions for the utilisation of product he knows. Users should be aware of the other purposes than those for which it is concerned.