

Material security data sheet

Printed : 02/06/2015

Review : 001NEW-3-GHS du 02/06/2015

PETITGRAIN OIL, CITRONNIER - PETIG0025

1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifier

PETITGRAIN OIL, CITRONNIER - PETIG0025

1.2. Relevant identified uses of the substance or mixture and uses advised against

NOT RELEVANT

1.3. Details of the supplier of the safety data sheet

Company SAS MATIÈRES PREMIÈRES ESSENTIELLES
6, chemin St Joseph
BP 25265
06131 GRASSE CEDEX
Tel :04 93 09 19 27
Fax :04 93 77 89 88
Web :www.mpe-grasse.fr
Email :sales@mpe-grasse.fr

1.4. Emergency telephone number

NOT RELEVANT

2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

GHS classification in conformity with directive 1272/2008

(RegulationGHS)

AH1 Aspiration hazard 1
EDI1 Serious eye damage / eye irritation 1
EHA1 Hazardous to the aquatic environment, acute hazard 1
EHC1 Hazardous to the aquatic environment, long-term hazard 1
FL4 Flammable Liquids 4
SCI2 Skin corrosion / irritation 2
SS1A Sensitisation, skin 1A

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.
H400 - Very toxic to aquatic life.
H410 - Very toxic to aquatic life with long lasting effects.

Conform with UE 67/548/CEE et 1999/45/CE :

- Health Hazards : Xn
R38:Irritating to skin.
R43:May cause sensitization by skin contact.
R65:Harmful: May cause lung damage if swallowed.

- Environmental Hazards : N
R50-53:Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

2.2. Label elements

GHS classification in conformity with directive 1272/2008

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(RegulationGHS)

Warning mention : Danger

AH1 Aspiration hazard 1
EDI1 Serious eye damage / eye irritation 1
EHA1 Hazardous to the aquatic environment, acute hazard 1
EHC1 Hazardous to the aquatic environment, long-term hazard 1
FL4 Flammable Liquids 4
SCI2 Skin corrosion / irritation 2
SS1A Sensitisation, skin 1A

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.
H400 - Very toxic to aquatic life.
H410 - Very toxic to aquatic life with long lasting effects.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P264 - Wash ... 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.
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.
P331 - Do NOT induce vomiting.



Conform with UE 67/548/CEE et 1999/45/CE :

- Health Hazards : Xn
R38:Irritating to skin.
R43:May cause sensitization by skin contact.
R65:Harmful: May cause lung damage if swallowed.

- Environnemental Hazards : N
R50-53:Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S24:Avoid contact with skin.
S37:Wear suitable gloves.
S61:Avoid release to the environment. Refer to special instructions / Safety data sheets.
S62:If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.



2.3. Other hazards

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Contains d-Limonene, Linalool, Citral, beta-Pinene, Geranyl acetate, Myrcene, beta-Caryophyllene, alpha-Pinene, Gamma terpinène, Terpinolene Can cause allergies. :

3. COMPOSITION / INFORMATION ON INGREDIENT

Component list :

3.1. Substances

NOT RELEVANT

3.2. Mixtures

Material	C.A.S	EINECS	Risk Symbol	Classification GHS	Percent %
d-Limonene	5989-27-5	227-813-5	F-, N, Xn R10 R38 R43 R50-53 R65	AH1, EHA1, EHC1, FL3, SCI2, SS1B	[25-30]
Linalool	78-70-6	201-134-4	Xi R38	ATO5, EDI2, EDI2A, EHA3, FL4, SCI2 - H227, H303, H315, H319, H402	[20-25]
Citral	5392-40-5	226-394-6	Xi R38 R43	ATD5, EDI2, EDI2A, EHA2, SCI2, SS1B - H313, H315, H317, H319, H401	[15-20]
beta-Pinene	127-91-3	204-872-5	F-, Xn R10 R38 R43 R65	AH1, FL3, SCI2, SS1B - H226, H304, H315, H317	[5-10]
Geraniol	106-24-1	203-377-1	Xi R38 R41 R43	ATO5, EDI1, EHA2, SCI2, SS1A - H303, H315, H317, H318, H401	[1-5]
Geranyl acetate	105-87-3	203-341-5	N, Xi R38 R43 R51-53	EHA2, EHC3, FL4, SCI2, SS1B - H227, H316, H401, H411	[1-5]
Linalyl acetate	115-95-7	204-116-4	Xi R38	EDI2, EDI2A, EHA3, FL4, SCI2 - H227, H315, H319, H402	[1-5]
Myrcene	123-35-3	204-622-5	F-, Xn R10 R38 R65	AH1, EDI2, EDI2A, FL3, SCI2 - H226, H304, H315, H319	[1-5]
alpha-Terpineol	98-55-5	202-680-6	Xi R36/38	ATO5, EDI2, EDI2A, EHA2, FL4, SCI2 - H227, H303, H315, H319, H401	[1-5]
beta-Caryophyllene	87-44-5	201-746-1	Xn R65	AH1, SCI3 - H304, H316	[1-5]
Citronellal	106-23-0	203-376-6	N, Xi R38 R43 R51-53	ATO5, EDI2, EDI2A, EHA2, FL4, SCI2, SS1A - H227, H303, H315, H317, H319, H401, H411	[0-1]

4. FIRST AID MEASURES

4.1. Description of first aid measures

NOT RELEVANT

4.2. Most important symptoms and effects, both acute and delayed

NOT RELEVANT

4.3. Indication of any immediate medical attention and special treatment needed

Contact with skin : wash immediately and abundantly with water and soap. Rinse then with clear water.

Contact with eyes : Abundant rinsing with water (15 minutes open eyelids) then washing with an ocular lotion standard Dacryoserum. In case of disorder, consult an ophthalmologist.

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In the event of swallowed : Not make vomit, maintain the patient at rest. Resort to the medical care.

Soiled clothing : withdraw soiled clothing and re-use them only after decontamination.

5. FIRE FIGHTING

5.1. Extinguishing media

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2. Special hazards arising from the substance or mixture

Flammability : The product is not flammable..

Prévention: Do not smoke. Do not use flame near.

5.3. Advice for firefighters

Never use a direct stream of water.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Use appropriate personal protective equipment during clean-up.

6.2. Environmental precautions

Do not allow to enter sewers/ surface or ground water.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.4. Reference to other sections

NOT RELEVANT

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Close packing after use. Reproduce labelling if transfer in another container.

7.2. Conditions for safe storage, including any incompatibilities

-Avoid any useless exposure. Keep away from food and drinks.

-Preserve only in the container of origin in a fresh place and broken down well. Keep the containers closed out of their use.

-Do not leave it near heat source, direct rays of the sun

7.3. Specific end use(s)

Wash the hands and any other zone exposed with soap and water before eating, drinking, to smoke and before leaving work.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

NOT RELEVANT

8.2. Exposure controls

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General protective and hygienic measures: Avoid skin and eyes contact. Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.

Personal Protection :

-Hands protection : Protection not required if a good ventilation is maintained.

-Eyes protection : Protection not required if a good ventilation is maintained.

-Respiratory protection : Protection not required if a good ventilation is maintained.

-Ingestion : Do not use, drink and smoke during use.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Relative density (d ₂₀ /20) :	[0.860 ; 0.890]
Refractive index at 20 C :	[1.460 ; 1.490]
Angular rotation () :	[+10 ; +30]
Color :	pale yellow to amber yellow
Appearance :	liquid
Odor :	lemony, ethereal
Flash point (C) :	70 C

9.2. Other information

NOT RELEVANT

10. STABILITY AND REACTIVITY

10.1. Reactivity

·**Dangerous reactions** : No dangerous reactions known.

10.2. Chemical stability

NOT RELEVANT

10.3. Possibility of hazardous reactions

NOT RELEVANT

10.4. Conditions to avoid

NOT RELEVANT

10.5. Incompatible materials

NOT RELEVANT

10.6. Hazardous decomposition products

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Dangerous decomposition products: No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological

Toxicological Information : No data available.

Toxicological Informations Acute :

- Orale

Non Déterminée

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- **Inhalation**

Non Déterminée

- **Skin**

Non Déterminée

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Do not leave the product, even diluted or in great quantity, penetrate the ground water, water or the drains.

12.2. Persistence and degradability

NOT RELEVANT

12.3. Bioaccumulative potential

NOT RELEVANT

12.4. Mobility in soil

NOT RELEVANT

12.5. Results of PBT and vPvB assessment

NOT RELEVANT

12.6. Other adverse effects

NOT RELEVANT

13. DISPOSAL RECOMMENDATIONS

13.1. Waste treatment methods

Product : Recommendation : Does not have to be evacuated with the refuse . Not to let penetrate in the sewers.

Not cleaned packing : Recommendation : Evacuation in accordance with the regulations.

14. TRANSPORT INFORMATION

ADR:



IMDG:



IATA:



14.1. UN number

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ADR : 3082 (Tunel code :(E))
IMDG:3082
IATA :3082

Custom tariff : **33012941**

14.2. UN proper shipping name

ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(d-limonene)
IMDG:ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(d-limonene)
IATA :ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(d-limonene)

14.3. Transport hazard class(es)

ADR : 9
IMDG:9
IATA :9

14.4. Packing group

ADR : III
IMDG:III
IATA :III

14.5. Environmental hazards

IMDG : marine pollutant component

14.6. Special precautions for user

NOT RELEVANT

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

NOT RELEVANT

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Class of water contamination (Germany) : WGK 3

15.2. Chemical safety assessment

Contains R43 items Citral, Citronellal, Eugenol, Geraniol, Geranyl acetate, Nerol, alpha-Pinene, beta-Pinene, d-Limonene : Can cause allergic reaction.

16. OTHER INFORMATION

Full text of phrases H quoted in point 3 :

H227 Combustible liquid
H303 May be harmful if swallowed
H313 May be harmful in contact with skin
H315 Causes skin irritation.
H316 Causes mild skin irritation
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H401 Toxic to aquatic life
H402 Harmful to aquatic life

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H411 Toxic to aquatic life with long lasting effects.

Full text of phrases R quoted in point 3 :

R10 Flammable.

R65 Harmful: May cause lung damage if swallowed.

R38 Irritating to skin.

R36/38 Irritating to eyes and skin.

R43 May cause sensitization by skin contact.

R41 Risk of serious damage to eyes.

R51-53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R50-53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Material security data sheet according to 2001/58/CEE.

These indications are founded on the current state of our knowledge, but do not constitute a guarantee as for the properties of the product and do not give place to a contractual legal report.

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15.2 16