

Safety data sheet

Printed : 19/02/2024

Revised : SYNA_2023 MP-1-CLP from
19/02/2024

FORMIATE CITRONELLYLE

1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifier

Product name: FORMIATE CITRONELLYLE
Product code: 000297
C.A.S number: 105-85-1
N° EINECS : 203-338-9
REACH status : NA
Product type: Ingredient used in fragrance preparations.

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

Use: Industrial. For professional use.

1.3. Details of the supplier of the safety data sheet

SYNAROME
ZI ED. POILLOT
4, rue Charles Tellier 28000 Chartres / France
E-mail: sds@synarome.com
TEL : 02.37.28.47.68

1.4. Emergency telephone number

Phone number in case of emergency: ORFILA 33 (0) 1 45 42 59 59

2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

GHS Classification : According to (CE) regulation n° 1272/2008 and its adaptation
(RegulationCLP)

SCI2 Skin corrosion / irritation 2
SS1B Sensitisation, skin 1B

H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.

2.2. Label elements

GHS Classification : According to (CE) regulation n° 1272/2008 and its adaptation
(RegulationCLP)

Warning mention : Warning

SCI2 Skin corrosion / irritation 2

Safety data sheet

Printed : 19/02/2024

FORMIATE CITRONELLYLE

Revised : SYNA_2023 MP-1-CLP from
19/02/2024

SS1B Sensitisation, skin 1B

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 - Wash hands thoroughly after handling.

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

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 - IF ON SKIN: Wash with plenty of water

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



2.3. Other hazards

Presence of endocrine disruptor(s) as defined under the article 57(f) of regulation (EU) 1907/2006 (REACH): none.

Presence of substance(s) of Very High Concern (SVHC) under article 57 of regulation (EU) N°1907/2006 (REACH) : none.

The mixture does not meet the criteria for mixtures PBT or vPvB in accordance with Annex XIII of regulation (EU) N° 1907/2006 (REACH).

3. COMPOSITION / INFORMATION ON INGREDIENT

3.1. Substances

Identification number	Substances	Hazard risks and statements	SCL / M factors / ATE	Percent %
CAS# 105-85-1 EINECS# 203-338-9	Citronellyl formate	SCI2, SS1B H315, H317		[50-100]
CAS# 106-22-9 EINECS# 203-375-0	Citronellol	EDI2, SCI2, SS1B H319, H315, H317		[2.5-10]
CAS# 5392-40-5 EINECS# 226-394-6	Citral	EDI2, SCI2, SS1 H319, H315, H317		[0-1]
CAS# 64-18-6 EINECS# 200-579-1	Formic acid	AT13, ATO4, EDI1, FL3, SCI1A H331, H302, H318, H226, H314	ATE (Orale) : 730.002mg/kg ATE (Inhalation) : 3mg/L	[0-1]

Presence of endocrine disruptor(s) as defined under the article 57(f) of regulation (EU) 1907/2006 (REACH): none.

3.2. Mixtures

No data available.

4. FIRST AID MEASURES

Safety data sheet

Printed : 19/02/2024

FORMIATE CITRONELLYLE

Revised : SYNA_2023 MP-1-CLP from
19/02/2024

4.1. Description of first aid measures

Skin contact: Wash immediatly with plenty of water and then soap. Rinse with clear water.

Eye contact: Rinse with plenty of water (15 minutes open eyelids) and wash with ocular lotion type Dacryosérum. If disorder consult an ophthalmologist.

Ingestion: Consult a doctor and show the label

Contaminated clothes : Remove contaminated clothes and reuse only after decontamination.

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

No data available.

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

No data available.

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..

Prevention: 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. Respiratory protective equipment may be necessary.

6.2. Environmental precautions

Prevent contamination of soil and water, while entering into drains, ditches and rivers. Notify authorities if the product penetrates into sewers or public waters.

6.3. Methods and material for containment and cleaning up

Cleaning methods: diking with sand or diatomaceous earth, pump and rinse with water after recovery of specific waste plastic drums and labeled back then to an approved waste.

Safety data sheet

Printed : 19/02/2024

FORMIATE CITRONELLYLE

Revised : SYNA_2023 MP-1-CLP from
19/02/2024

6.4. Reference to other sections

No data available.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Close the packaging after use.

Reproduce labelling if transfer in another container.

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

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)

No data available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

No data available.

8.2. Exposure controls

Technical measures: Avoid contact with eyes, skin or clothes. Do not ingest. Avoid contact with food, drinks.

Personal protective equipment:

Use personal protective equipment and properly maintained.

Store personal protective equipment in a clean place, away from the work area.

When using, do not eat, drink or smoke. Remove and wash contaminated clothes before reuse. Ensure adequate ventilation, especially in confined places.

Eyes / face protection :

Avoid contact with eyes.

Use ocular protection developed to protect against liquid splashes.

Before handling, it is necessary to wear safety glasses in compliance with NF 166 standard.

Hand protection :

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products

that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

Recommended properties :

- Impervious gloves in accordance with standard EN374

Body protection:

Safety data sheet

Printed : 19/02/2024

FORMIATE CITRONELLYLE

Revised : SYNA_2023 MP-1-CLP from
19/02/2024

The staff will wear regularly washed work clothes.
After contact with the product, all the contaminated parts of the body should be washed.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Color :	Colorless to pale yellow
Aspect :	Liquid
Specific gravity@20°C :	[0.895 ; 0.91]
Flash point (°C) :	91
Refractive index @ 20°C :	[1.443 ; 1.448]
Odour :	Floral, Fruity, Peach, Rose

9.2. Other information

No data available.

10. STABILITY AND REACTIVITY

10.1. Reactivity

Dangerous reactions : No dangerous reactions known.

10.2. Chemical stability

No data available.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

Thermal decomposition may release / form: Carbon monoxide (CO), carbon dioxide (CO2).

11. TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute Toxicity Estimate

Safety data sheet

Printed : 19/02/2024

FORMIATE CITRONELLYLE

Revised : SYNA_2023 MP-1-CLP from
19/02/2024

LD50 Oral : NA
LD50 Dermal : NA
LD50 Inhalation : NA

11.2. Information on other hazards

Présence of endocrine disruptor(s) as defined under the article 57(f) of regulation (EU) 1907/2006 (REACH): none.

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

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Endocrine disrupting properties

Presence of endocrine disruptor(s) as defined under the article 57(f) of regulation (EU) 1907/2006 (REACH) : none.

12.7. Other adverse effects

No data available.

13. DISPOSAL RECOMMENDATIONS

Appropriate mixture and / or its container waste management must be determined in accordance with Directive 2008/98 / EC.

13.1. Waste treatment methods

Do not discharge into drains or rivers

Waste:

Waste management is done without endangering human health and without harming the environment, and especially without risk for water, air, soil, plants or animals.

Recycle or dispose in accordance with regulation in force, preferably by a collector or an approved company.

Do not contaminate the ground or water with waste, do not dispose of them in the environment.

Safety data sheet

Printed : 19/02/2024

FORMIATE CITRONELLYLE

Revised : SYNA_2023 MP-1-CLP from
19/02/2024

Contaminated packaging:

Empty the container. Keep the label on the container. Give to a certified disposal contractor.

14. TRANSPORT INFORMATION

14.1. UN number

ADR/ADN/RID : Not Classified

IMDG:Not Classified

IATA :Not Classified

14.2. UN proper shipping name

ADR/ADN/RID : Not Classified

IMDG:Not Classified

IATA :Not Classified

14.3. Transport hazard class(es)

ADR/ADN/RID : Not Classified

IMDG:Not Classified

IATA :Not Classified

14.4. Packing group

ADR/ADN/RID : Not Classified

IMDG:Not Classified

IATA :Not Classified

14.5. Environmental hazards

IMDG : Not Classified

14.6. Special precautions for user

No data available.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

15. REGULATORY INFORMATION

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

The following regulations were taken into account:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 618/2012
- EU Regulation No. 1272/2008 amended by EU Regulation No. 487/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 944/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 605/2014.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 1297/2014
- EU Regulation No. 1272/2008 amended by EU Regulation No. 2015/830

- Wassergefährdungsklasse (Water Hazard Class) : WGK3

Safety data sheet

Printed : 19/02/2024

FORMIATE CITRONELLYLE

Revised : SYNA_2023 MP-1-CLP from
19/02/2024

ICPE classification : 0

15.2. Chemical safety assessment

No data available.

16. OTHER INFORMATION

Full H sentences text in point 3 :

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.

Safety Data Sheet according to Regulation (EU) N° 2020/878 of 18/06/20 amending Annex II to Regulation (EC) N° 1907/2006.

These indications are based 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.