

SAFETY DATA SHEET

Printed : 03/01/2020

Rev: 03/01/2020

YZS-1205* FRAGRANCE OIL LEMONGRASS GUATEMALA

1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifier

YZS-1205* FRAGRANCE OIL LEMONGRASS GUATEMALA

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

Use : industrial. Reserved for professional use

1.3. Details of the supplier of the safety data sheet

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2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

GHS Classification :

(RegulationCLP)

Asp. Tox. 1	Aspiration hazard 1	H304 : May be fatal if swallowed and enters airways.
Eye Irrit. 2	Serious eye damage / eye irritation 2	H319 : Causes serious eye irritation.
Aquatic Chronic 2	Hazardous to the aquatic environment, long-term hazard	H411 : Toxic to aquatic life with long lasting effects.
Skin Irrit. 2	Skin corrosion / irritation 2	H315 : Causes skin irritation.
Skin Sens. 1B	Sensitisation, skin 1B	H317 : May cause an allergic skin reaction.

NATURE :

**Obtained by steam distillation of the herbaceous parts of
CYMBOPOGON CITRATUS STAFF**

2.2. Label elements

GHS Classification :

(RegulationCLP)

Warning mention : Danger

Asp. Tox. 1 Aspiration hazard 1
Eye Irrit. 2 Serious eye damage / eye irritation 2
Aquatic Chronic 2 Hazardous to the aquatic environment, long-term hazard 2

SAFETY DATA SHEET

Printed : 03/01/2020 YYS-1205* FRAGRANCE OIL LEMONGRASS GUATEMALA

Rev: 03/01/2020

Skin Irrit. 2 Skin corrosion / irritation 2
Skin Sens. 1B Sensitisation, skin 1B

H304 - May be fatal if swallowed and enters airways.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H411 - Toxic to aquatic life with long lasting effects.

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.
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/doctor/...



2.3. Other hazards

Contains Citral, Geraniol, Acetate Geranyle, beta-Caryophyllene, Nerol, Terpinolene, Cis iso citral\, Trans iso citral\, Linalool, Camphene, Alpha Pinene, Isoeugenol, Citronellol, CARVONE LAEVO, Limonene, Eugenol

3. COMPOSITION / INFORMATION ON INGREDIENT

3.1. Substances

Material	C.A.S	EINECS	Risk Symbol	%
Citral (No REACH : 01-2119462829-23-0000)	5392-40-5	226-394-6	Skin Irrit. 2, Skin Sens. 1 - H315, H317	> 50 %
Geraniol (No REACH : 01-2119552430-49)	106-24-1	203-377-1	Eye Dam. 1, Skin Irrit. 2, Skin Sens. 1B - H315, H317, H318	[5-10]
Acetate Geranyle	105-87-3	203-341-5	Aquatic Chronic 3, Skin Irrit. 2, Skin Sens. 1 - H315, H317, H412	[1-5]
beta-Caryophyllene	87-44-5	201-746-1	Asp. Tox. 1, Aquatic Chronic 4, Skin Sens. 1B - H304, H317, H413	[1-5]
Alpha Pinene (No REACH : enregistré)	80-56-8	201-291-9	Asp. Tox. 1, Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1B - H226, H304, H315, H317	[0-1]
Camphene	79-92-5	201-234-8	Aquatic Acute 1, Aquatic Chronic 1, Flam. Sol. 2 - H228, H400, H410	[0-1]
Cis iso citral\	72203-97-5		Eye Irrit. 2, Aquatic Chronic 3, Skin Sens. 1B - H317, H319, H412	[0-1]
Isoeugenol (No REACH : Exempté < 1t)	97-54-1	202-590-7	Acute Tox. 4, Acute Tox. 4, Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1A - H302+H312, H315, H317, H319	[0-1]
Linalool (No REACH : 01-2119474016-42)	78-70-6	201-134-4	Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1B - H315, H317, H319	[0-1]
Nerol (No REACH : 01-2119560621-44)	106-25-2	203-378-7	Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1B - H315, H317, H319	[0-1]
Terpinolene	586-62-9	209-578-0	Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1, Skin Sens. 1B - H304, H317, H400, H410	[0-1]

SAFETY DATA SHEET

Printed : 03/01/2020

YZS-1205* FRAGRANCE OIL LEMONGRASS GUATEMALA

Rev: 03/01/2020

Trans iso citral	72203-98-6		Eye Irrit. 2, Aquatic Chronic 3, Skin Sens. 1B - H317, H319, H412	[0-1]
Citronellol (No REACH : Enregistré 01-2119453995-23-0000)	106-22-9	203-375-0	Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1B - H315, H317, H319	[0-1]
CARVONE LAEVO	6485-40-1	229-352-5	Skin Sens. 1B - H317	[0-1]
Eugenol	97-53-0	202-589-1	Eye Irrit. 2, Skin Sens. 1B - H317, H319	[0-1]
Limonene	5989-27-5	227-813-5	Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1, Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1B - H226, H304, H315, H317, H400, H410	[0-1]

3.2. Mixtures

NO CONCERNED

4. FIRST AID MEASURES

4.1. Description of first aid measures

NO CONCERNED

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

NO CONCERNED

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.

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.

SAFETY DATA SHEET

Printed : 03/01/2020

YZS-1205* FRAGRANCE OIL LEMONGRASS GUATEMALA

Rev: 03/01/2020



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

NO CONCERNED

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

NO CONCERNED

8.2. Exposure controls

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 :

- Hand protection: Wear gloves.
- Eye protection: Wear glasses.
- Respiratory protection : Wear a mask.
- Ingestion : Do not use, drink and smoke during use.

SAFETY DATA SHEET

Printed : 03/01/2020 YZS-1205* FRAGRANCE OIL LEMONGRASS GUATEMALA

Rev: 03/01/2020

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance :	Liquid
Odor :	Citrus, fresh
Color :	Pale yellow to yellow orange
Relative density (d ₂₀ /20) :	[0.8720 ; 0.8970]
Angular rotation (°) :	[-10 ; 0]
Refractive index at 20°C :	[1.4830 ; 1.4890]
Flash point (° C) :	+80

9.2. Other information

NO CONCERNED

10. STABILITY AND REACTIVITY

10.1. Reactivity

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

Conservation : **2 ans**

10.2. Chemical stability

NO CONCERNED

10.3. Possibility of hazardous reactions

NO CONCERNED

10.4. Conditions to avoid

NO CONCERNED

10.5. Incompatible materials

NO CONCERNED

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

Not Determined

- Inhalation

Not Determined

- Skin

SAFETY DATA SHEET

Printed : 03/01/2020 YZS-1205* FRAGRANCE OIL LEMONGRASS GUATEMALA

Rev: 03/01/2020

3 078,15 (Determined
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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 CONCERNED

12.3. Bioaccumulative potential

NO CONCERNED

12.4. Mobility in soil

NO CONCERNED

12.5. Results of PBT and vPvB assessment

NO CONCERNED

12.6. Other adverse effects

NO CONCERNED

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

SAFETY DATA SHEET

Printed : 03/01/2020 YZS-1205* FRAGRANCE OIL LEMONGRASS GUATEMALA

Rev: 03/01/2020

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

Custom code : **33012941**

14.2. UN proper shipping name

ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, n.o.s .(citral)
IMDG:ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, n.o.s .(citral)
IATA :ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, n.o.s .(citral)

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

14.6. Special precautions for user

NOT REGULATED

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

NOT REGULATED

15. REGULATORY INFORMATION

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

Class of water contamination (Germany) : WGK

15.2. Chemical safety assessment

NO CONCERNED

16. OTHER INFORMATION

Full H sentences text in point 3 :

H226	Flammable liquid and vapour.
H228	Flammable solid.
H302	Harmful if swallowed.
H302+H312	Harmful if swallowed or in contact with skin
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.
H319	Causes serious eye irritation.

SAFETY DATA SHEET

Printed : 03/01/2020 YZS-1205* FRAGRANCE OIL LEMONGRASS GUATEMALA

Rev: 03/01/2020

- H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
H413 May cause long lasting harmful effects to aquatic life.

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.

Modified points : 2.1 2.2 2.3 3.1 6.1 8.2 11.1 14 14.2 16

DÉCLARATION ALLERGENES - SCCNFP

FRAGRANCE OIL LEMONGRASS GUATEMALA YZS-1205*

Composants	C.A.S	%	Commentaire
Alpha-Isomethyl Ionone	127-51-5	-	
Amyl Cinnamal	122-40-7	-	
Amylcinnamyl Alcohol	101-85-9	-	
Anise Alcohol	105-13-5	-	
Benzyl Alcohol	100-51-6	-	
Benzyl Benzoate	120-51-4	-	
Benzyl Cinnamate	103-41-3	-	
Benzyl Salicylate	118-58-1	-	
Butylphenyl Methylpropional/Lilial	80-54-6	-	
Cinnamal	104-55-2	-	
Cinnamyl Alcohol	104-54-1	-	
Citral	5392-40-5	67,0000	
Citronellol	106-22-9	0,8000	
Coumarin	91-64-5	-	
Dipentene	138-86-3	-	
Eugenol	97-53-0	0,3000	
Eugenol Naturel	97-53-0.	-	
Evernia Furfuracea (Tree moss) extract	90028-67-4	-	
Evernia Prunasti (Oak moss) extract	90028-68-5	-	
Farnesol	4602-84-0	-	
Geraniol	106-24-1	7,0000	
Hexyl Cinnamal	101-86-0	-	
Hydroxycitronellal	107-75-5	-	
Hydroxyisohexyl 3-Cyclohexene-Carboxaldehyde/Lyral	31906-04-4	-	
Isoeugenol	97-54-1	1,0000	
Limonene	5989-27-5	0,3000	
Linalool	78-70-6	1,0000	
Methyl-2 Octynoate/Methyl heptine carbonate	111-12-6	-	

Ce document est rempli au mieux de nos connaissances actuelles.

03/01/2020

IFRA 48 CONFORMITY CERTIFICATE

Product: FRAGRENCE OIL LEMONGRASS GUATEMALA YZS-1205*

*We certify that the above compound is in compliance with the standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA - 48th amendment / published June,2015), provided it is used in the following class at a maximum concentration level of : **see next pages***

The Ifra Standards regarding use restriction are based on safety assessments by the panel of experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS(RIFM) and are enforced by the IFRA Scientific Committee.

Evaluation of individual fragrance ingredients is made according to the safety standards contained in the relevant section of the IFRA Code of Practice.

It is the ultimate responsibility of the customer to ensure the safety of the final product(containing this fragrance) by further testing if needed.

Pour les Cat 1 & 6, seuls les standards IFRA sont pris en compte, vérifier le caractère Food grade si besoin.

Le Methyl-N methylantranylate peut former des nitrosamines dans un milieu nitrosant

Children's Toys	CLASS 1	0.0597%
Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.)		
Deodorant and Antiperspirant Products of all types including any product with intended or reasonably foreseeable use on the axillae or labelled as such (spray, stick, roll-on, under-arm, deo-cologne and body spray, etc.)	CLASS 2	0.0746%
Nose pore strips		
Fragranced Bracelets		
Hydroalcoholic Products applied to recently shaved skin. (includes After Shave) - EDT	CLASS 3A	0.2985%
Hydroalcoholic Products applied to recently shaved skin. (includes After Shave) - Fine Fragrance	CLASS 3B	0.2985%
Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc.) including eye care	CLASS 3C	0.2985%
Men's Facial Creams and Balms		
Baby Creams, Lotions, Oils		
Body Paint for Children		
Tampons	CLASS 3D	0.2985%
Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum - EDT	CLASS 4A	0.8955%
Ingredients of Perfume Kits		
Scent Pads, Foil packs		
Scent Strips for hydroalcoholic products		
Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum - Fine Fragrance	CLASS 4B	0.8955%
Hair Styling Aids Sprays of all types (pumps, aerosol sprays, etc.)	CLASS 4C	0.8955%
Body Creams, Oils, Lotions of all types (except baby creams, lotions, oils)		
Fragrance Compounds for Cosmetic Kits		
Foot Care Products		
Hair deodorant		
Body Paint(except those for children)		
Fragrancing cream	CLASS 4D	0.8955%
Solid perfumes		
Women's Facial Creams/Facial Make-up	CLASS 5	0.4478%
Hand cream / Hand sanitizers / Facial masks		
Baby Powder and Talc		
Hair permanent and other hair chemical treatments (e.g. relaxers) but not hair dyes		
Wipes or Refreshing Tissues for Face, Neck, Hands, Body		



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Wipes or Refreshing Tissues for Face, Neck, Hands, Body Dry Shampoo or Waterless Shampoo		
Mouthwash, including Breath Sprays / Toothpaste	CLASS 6	1.4925%
Intimate Wipes / Baby Wipes Insect Repellent (intended to be applied to the skin)	CLASS 7AB	0.1493%
Make-up Removers of all types (not including face cleansers)	CLASS 8A	2%
Hair Styling Aids Non-Spray of all types (mousse, gels, leave-in conditioners, etc.) Nail Care Powders and talcs (not including baby powders and talcs)		
Hair Dyes	CLASS 8B	2%
Conditioner (Rinse-Off)	CLASS 9A	2%
Liquid Soap Shampoos of all types (including baby shampoos) Face Cleansers of all types (washes, gels, scrubs, etc.) Shaving Creams of all types (stick, gels, foams, etc.) Depilatory Body Washes of all types (including baby washes) and Shower Gels of all types Bar Soap (Toilet Soap) Bath Gels, Foams, Mousses, Salts, Oils and Other Products added to bathwater		
Feminine hygiene - pads, liners Toilet paper Wheat bags	CLASS 9B	2%
Facial tissues Napkins Paper towels Other' Aerosols (incl. air freshener sprays and air freshener pump sprays, but not including deodorants/ antiperspirants, hair styling aids sprays)	CLASS 9C	2%
Handwash Laundry Detergents of all types including concentrates Fabric Softeners of all types including fabric softener sheets Household Cleaning Products, Other Types (fabric cleaners, soft surface cleaners, carpet cleaners, etc.) Machine Wash Laundry Detergents (liquids, powders, tablets, etc.) including laundry bleach and concentrates Hand Dishwashing Detergent including concentrates Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.) Shampoo for pets Dry cleaning kits Toilet seat wipes	CLASS 10A	2%
Diapers Toilet seat wipes	CLASS 10B	2%
All non skin contact or incidental skin contact including CandlAir Fresheners and Fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5ml/spray), plug-ins, solid substrate, membrane delivery, electrical) Air Delivery Systems Cell phone cases Pot pourri, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), Reed diffusers Liquid refills for air fresheners (cartridge systems) Shoe Polishes Deodorizers/Maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders) Insecticides (mosquito coil, paper, electrical, for	CLASS 11	100%



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fabric drying machine deodorizers, carpet powders)
Insecticides (mosquito coil, paper, electrical, for
clothing etc.) excluding aerosols
Scent delivery system using a dry air technology that
releases a fragrance without sprays, aerosols or heated
oils (technology of nebulization)
Air freshening crystals
Toilet Blocks
Joss Sticks or Incense Sticks
Machine dishwasher detergent and deodorizers
Machine only Laundry detergent (e.g. liquitabs)
Plastic articles (excluding toys)
Fuels
Fragranced lamp ring
Scratch and Sniff (sampling technology)
Paints
Cat litter
Animal sprays (all types)
Treatment products for Textiles (e.g. starch sprays, fabric treated with
fragrances after wash, deodorizers for textiles or
fabrics)
Floor wax
Odored distilled water (that can be added to steam irons)
