

**SAFETY DATA SHEET**

Printed : 11/02/2019

Model/Rev: : 001NEW-4-CLP from 03/01/2019

**FRAGRANCE OIL PEPPERMINT PURE YZS-1327-****1. PRODUCT AND COMPANY IDENTIFICATION****1.1. Product identifier**

FRAGRANCE OIL PEPPERMINT PURE YZS-1327-

**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**

Company Gildewerk bv  
A. Hofmanweg 41  
2031 BH Haarlem  
The Netherlands  
Tel. 31 - (0)23 - 532 22 55  
Fax 31 - (0)23 - 534 09 65  
E-mail: holland@gildewerk.com

**2. HAZARD IDENTIFICATION****2.1. Classification of the substance or mixture**

GHS Classification :(RegulationCLP)

Aquatic Chronic 2 Hazardous to the aquatic environment, long-term hazard 2

Skin Irrit. 2 Skin corrosion / irritation 2

Skin Sens. 1 Sensitisation skin 1

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H411 - Toxic to aquatic life with long lasting effects.

NATURE : **Obtained by steam distillation of the fresh aerial parts of the plant in flower of MENTHA X PIPERITA L.**

**2.2. Label elements**

GHS Classification :(RegulationCLP)

Warning mention : Warning

Aquatic Chronic 2 Hazardous to the aquatic environment, long-term hazard 2

Skin Irrit. 2 Skin corrosion / irritation 2

Skin Sens. 1 Sensitisation skin 1

H315 - Causes skin irritation.

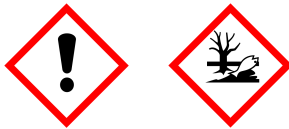
H317 - May cause an allergic skin reaction.

H411 - Toxic to aquatic life with long lasting effects.

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- 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.  
 P302+P352 - IF ON SKIN: Wash with plenty of water/...  
 P321 - Specific treatment (see ... on this label).  
 P332+P313 - If skin irritation occurs: Get medical advice/attention.  
 P362 - Take off contaminated clothing.  
 P363 - Wash contaminated clothing before reuse.  
 P391 - Collect spillage.  
 P501 - Dispose of contents/container in accordance with the current regulations



### 2.3. Other hazards

Contains Menthol, tr-Menthone, Iso-Menthone DL (dextro/levo), Menthofuran, Limonene

## 3. COMPOSITION / INFORMATION ON INGREDIENT

### 3.1. Substances

Material	C.A.S	EINECS	Risk Symbol	%
Menthol	89-78-1	201-939-0	Eye Irrit. 2, Skin Irrit. 2 - H315, H319	> 50 %
tr-Menthone	89-80-5	201-941-1	Skin Irrit. 2, Skin Sens. 1B - H315, H317	[ 20-50 ]
Eucalyptol	470-82-6	207-431-5	Aquatic Chronic 3, Flam. Liq. 3, Skin Sens. 1B - H226, H317, H412	[ 5-10 ]
Iso-Menthone DL (dextro/levo)	491-07-6	207-727-4	Skin Irrit. 2, Skin Sens. 1B - H315, H317	[ 5-10 ]
Menthyl acetate	16409-45-3	240-459-6	Aquatic Chronic 2 - H411	[ 5-10 ]
Limonene	5989-27-5	227-813-5	Aquatic Acute 1, Aquatic Chronic 1, Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1 - H226, H315, H317, H400, H410	[ 1-5 ]
Menthofuran	494-90-6	207-795-5	Acute Tox. 4, Eye Irrit. 2, Aquatic Chronic 2, Skin Irrit. 2 - H302, H315, H319, H411	[ 1-5 ]
Carvone	99-49-0	202-759-5	Skin Sens. 1B - H317	[ 0-1 ]
Pulegone	89-82-7	201-943-2	Acute Tox. 4 - H302	[ 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

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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**

CO<sub>2</sub>, 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**

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**

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- 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: Protection not required but recommended.
- Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance :	<b>Liquid</b>
Color :	<b>Colourless to yellowish pale or greenish</b>
Odor :	<b>Pepper mint, Sensation of cold</b>
Relative density (d <sub>20</sub> /20) :	<b>[0.9000 ; 0.9160]</b>
Angular rotation (°) :	<b>[-30 ; -10]</b>
Refractive index at 20°C :	<b>[1.4570 ; 1.4670]</b>
Flash point ( ° C) :	<b>65</b>

### 9.2. Other information

NO CONCERNED

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

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

Conservation : **2 years**

### 10.2. Chemical stability

NO CONCERNED

### 10.3. Possibility of hazardous reactions

NO CONCERNED

### 10.4. Conditions to avoid

NO CONCERNED

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### 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

Not Determined

## 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:



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IMDG:



IATA:



## 14.1. UN number

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

Custom code : **33012510**

## 14.2. UN proper shipping name

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

## 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

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### Full H sentences text in point 3 :

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

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            3.1            5.2            8.2            14            16

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### ALLERGENS DECLARATION

## FRAGRANCE OIL PEPPERMINT PURE YZS-1327-

Compounds	C.A.S	%	Comment
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	-	
Citronellol	106-22-9	-	
Coumarin	91-64-5	-	
Dipentene	138-86-3	-	
Eugenol	97-53-0	-	
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	-	
Hexyl Cinnamal	101-86-0	-	
Hydroxycitronellal	107-75-5	-	
Hydroxyisohexyl 3-Cyclohexene-Carboxaldehyde/Lyral	31906-04-4	-	
Isoeugenol	97-54-1	-	
Limonene	5989-27-5	3,5000	
Linalool	78-70-6	-	
Methyl-2 Octynoate/Methyl heptine carbonate	111-12-6	-	

This document is filled as well as possible with our current knowledge.





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14/02/2019

## **IFRA 48 CONFORMITY CERTIFICATE**

**Product: FRAGRANCE OIL PEPPERMINT PURE YZS-1327-**

*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.



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

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

Children's Toys Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.)	CLASS 1	8%
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.) Nose pore strips Fragranced Bracelets	CLASS 2	10%
Hydroalcoholic Products applied to recently shaved skin. (includes After Shave) - EDT	CLASS 3A	40%
Hydroalcoholic Products applied to recently shaved skin. (includes After Shave) - Fine Fragrance	CLASS 3B	40%
Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc.) including eye care Men's Facial Creams and Balms Baby Creams, Lotions, Oils Body Paint for Children	CLASS 3C	40%
Tampons	CLASS 3D	40%
Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum - EDT Ingredients of Perfume Kits Scent Pads, Foil packs Scent Strips for hydroalcoholic products	CLASS 4A	100%
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	100%
Hair Styling Aids Sprays of all types (pumps, aerosol sprays, etc.) 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)	CLASS 4C	100%
Fragrancing cream Solid perfumes	CLASS 4D	100%
Women's Facial Creams/Facial Make-up 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	CLASS 5	60%



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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	100%
Intimate Wipes / Baby Wipes Insect Repellent (intended to be applied to the skin)	CLASS 7AB	20%
Make-up Removers of all types (not including face cleansers) 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)	CLASS 8A	100%
Hair Dyes	CLASS 8B	100%
Conditioner (Rinse-Off) 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	CLASS 9A	100%
Feminine hygiene - pads, liners Toilet paper Wheat bags	CLASS 9B	100%
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	100%
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	100%
Diapers Toilet seat wipes	CLASS 10B	100%
All non skin contact or incidental skin contact including  Air 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)	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)

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