

SAFETY DATA SHEET

Gingham Essence Fragrance Oil

1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Gingham Essence Fragrance Oil

Company: Natural Bulk Supplies, 318 Half Day Rd, # 348,
Buffalo Grove, IL 60089 Phone: 847-489-7180

Emergency Contact: Infotrac: 800-535-5053(North America) +1-352-323-3500 (International)

2. HAZARD IDENTIFICATION

Classification of the substance or mixture



Sensitization-Skin 1 H317 May cause an allergic skin reaction.

Label elements

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms



GHS07

Signal word

Warning

Hazard-determining components of labeling:

benzyl salicylate

ISO E SUPER

Linalool

geraniol

HYDROXYCITRONELLAL

GERANYL ACETATE

HELIONAL

BOISAMBRENE FORTE
CYCLAMEN ALDEHYDE
MAYOL
GRAPEFRUIT OIL
ORANGE OIL
TRIPLAL

Hazard statements

May cause an allergic skin reaction.

Precautionary statements

Avoid breathing dust/fume/gas/mist/vapors/spray

Contaminated work clothing must not be allowed out of the workplace.

Wear protective gloves.

If on skin: Wash with plenty of water.

If skin irritation or rash occurs: Get medical advice/attention.

Specific treatment (see on this label).

Wash contaminated clothing before reuse.

Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification system:

NFPA ratings (scale 0 - 4)

Health = 0

Fire = 1

Reactivity = 0

HMIS-ratings (scale 0 - 4)

Health = 1

Fire = 1

Reactivity = 0

Other hazards

Results of PBT and vPvB assessment

PBT:

Not applicable.

vPvB:

Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Mixtures

Description: Mixture of the substances listed below with nonhazardous additions.

Dangerous components:

120-51-4	BENZYL BENZOATE Acute Toxicity - Oral 4, H302	>50- 100%
63500-71-0	FLOROL Eye Irritation 2A, H319	>2.5-<10%
118-58-1	benzyl salicylate Sensitization - Skin 1B, H317	>2.5- 10%
10339-55-6	ETHYL LINALOOL Skin Irritation 2, H315; Eye Irritation 2A, H319; Flammable liquids 4, H227	≥2.5%
54464-57-2	ISO E SUPER Skin Irritation 2, H315; Sensitization - Skin 1, H317	≥1-<2.5%
78-70-6	Linalool Sensitization - Skin 1B, H317; Flammable liquids 4, H227	≥1-≥2.5%
106-24-1	geraniol Sensitization - Skin 1, H317	≥1-≥2.5%
107-75-5	HYDROXYCITRONELLAL Eye Irritation 2A, H319; Sensitization - Skin 1, H317	≥1-≥2.5%
105-87-3	GERANYL ACETATE Skin Irritation 2, H315; Sensitization - Skin 1, H317	≥1-≥2.5%
1205-17-0	HELIONAL Sensitization - Skin 1, H317	≥0.1-<1%
58567-11-6	BOISAMBRENE FORTE Skin Irritation 2, H315; Sensitization - Skin 1, H317	≥0.1-<1%
103-95-7	CYCLAMEN ALDEHYDE Skin Irritation 2, H315; Sensitization - Skin 1, H317; Flammable liquids 4, H227	≥0.1-<1%
13828-37-0	MAYOL Sensitization - Skin 1, H317	≥0.1-<1%

8016-20-4	GRAPEFRUIT OIL Flammable Liquids 3, H226; Aspiration Hazard 1, H304; Skin Irritation 2, H315; Sensitization - Skin 1, H317	≥0.1-<1%
8008-57-9	ORANGE OIL Flammable Liquids 3, H226; Aspiration Hazard 1, H304; Skin Irritation 2, H315; Sensitization - Skin 1, H317	≥0.1-<1%
68039-49-6	TRIPLAL Skin Irritation 2, H315; Sensitization - Skin 1, H317; Flammable liquids 4, H227	≥0.1-<1%

4. FIRST AID MEASURES

Description of first aid measures

After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

After eye contact:

Rinse opened eye for several minutes under running water.

After swallowing:

If symptoms persist consult doctor.

Information for doctor:

Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing agents:

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

Special hazards arising from the substance or mixture

No further relevant information available.

Advice for firefighters

Protective equipment:

No special measures required.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Not required.

Environmental precautions:

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

Methods and material for containment and cleaning up:

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

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

Protective Action Criteria for Chemicals

PAC - 1	120-51-4	BENZYL BENZOATE	5.7 mg/m3
	110-27-0	ISOPROPYL MYRISTATE	81 mg/m3
PAC - 2	120-51-4	BENZYL BENZOATE	63 mg/m3
	110-27-0	ISOPROPYL MYRISTATE	900 mg/m3
PAC - 3	120-51-4	BENZYL BENZOATE	380 mg/m3
	110-27-0	ISOPROPYL MYRISTATE	5,400 mg/m3

7. HANDLING AND STORAGE

Handling:

Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

Information about protection against explosions and fires:

No special measures required.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Store in a tightly sealed containers in a cool, dry place that is well ventilated. Away from heat, spark, and open flame.

Information about storage in one common storage facility:

Not required.

Further information about storage conditions:

None.

Specific end use(s)

No further relevant information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical systems:

No further data; see section 7.

Control parameters

Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information:

The lists that were valid during the creation were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Goggles recommended during refilling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

General Information

Appearance:

Form	Liquid
Color	Clear pale yellow to yellow
Odor	Characteristic
Odor Threshold	Not determined
pH-Value	Not determined
Melting Point/Melting Range	Undetermined

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Boiling Point/Boiling Range	323 °C (613.4 °F)
Flash Point	>93 °C (>199.4 °F)
Flammability	Not applicable
Decomposition Temperature	Not determined
Ignition Temperature	Product is not self-igniting
Explosion Hazard	Product does not present an explosion hazard
Explosion Limits - Lower	Not determined
Explosion Limits - Upper	Not determined
Vapor Pressure at 156 °C (312.8 °F)	6 hPa (4.5 mm Hg)
Density at 20 °C (68 °F)	1.05475 g/cm ³ (8.80189 lbs/gal)
Relative Density	Not determined
Vapor Density	Not determined
Evaporation Rate	Not determined
Solubility in Water	Not miscible or difficult to mix
Partition Coefficient (n-octanol/water)	Not determined
Viscosity (Dynamic)	Not determined
Viscosity (Kinematic)	Not determined
Solvent Content	0.00%
VOC Content	0.0 g/l (0.00 lb/gal)
Solids Content	3.40%
Other Information	No further relevant information available

10. STABILITY AND REACTIVITY

Reactivity

No further relevant information available.

Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Possibility of hazardous reactions

No dangerous reactions known.

Conditions to avoid

No further relevant information available.

Incompatible materials:

No further relevant information available.

Hazardous decomposition products:

No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity:

LD/LC50 values that are relevant for classification:

ATE (Acute Toxicity Estimate)

Oral	LD50	2,693 mg/kg (rat)
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120-51-4 BENZYL BENZOATE

Oral	LD50	1,700 mg/kg (rat)
Dermal	LD50	4,000 mg/kg (rabbit)

78-70-6 Linalool

Oral	LD50	2,790 mg/kg (rat)
Dermal	LD50	5,610 mg/kg (rabbit)

Primary irritant effect:

on the skin:

No irritant effect.

on the eye:

No irritating effect.

Sensitization:

Sensitization possible through skin contact.

Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations: Irritant

Carcinogenic categories

IARC (International Agency for Research on Cancer)

128-37-0	BHT	3
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NTP (National Toxicology Program)

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12. ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity:

No further relevant information available.

Persistence and degradability

No further relevant information available.

Behavior in environmental systems:

Bioaccumulative potential

No further relevant information available.

Mobility in soil

No further relevant information available.

Additional ecological information:

General notes:

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Results of PBT and vPvB assessment

PBT:

Not applicable.

vPvB:

Not applicable.

Other adverse effects

No further relevant information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

Recommendation:

Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

UN-Number DOT, IMDG, IATA	not regulated
UN proper shipping name DOT, IMDG, IATA	not regulated
Transport hazard class(es) DOT, ADN, IMDG, IATA Class	not regulated
Transport hazard class(es) DOT, ADN, IMDG, IATA Class	not regulated
Environmental hazards:	Not applicable
Special precautions for user	Not applicable
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable
UN "Model Regulation"	not regulated

15. REGULATORY INFORMATION

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

Sara

Section 355 (extremely hazardous substances):

None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):
1222-05-5 GALAXOLIDE

TSCA (Toxic Substances Control Act): All substances are active or exempt.
Hazardous Air Pollutants
None of the ingredients is listed.

Proposition 65
Chemicals known to cause cancer:
None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:
None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:
None of the ingredients is listed.

Chemicals known to cause developmental toxicity:
None of the ingredients is listed.

Carcinogenic categories
EPA (Environmental Protection Agency)
None of the ingredients is listed.

TLV (Threshold Limit Value)

128-37-0	BHT	A4
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NIOSH-Ca (National Institute for Occupational Safety and Health)
None of the ingredients is listed.

Chemical safety assessment:
A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

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