

SAFETY DATA SHEET

LAYTON AFFAIR FRAGRANCE OIL

1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Layton Affair 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



GHS07

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:

ISO E SUPER

Linalool

COUMARIN

CASHMERAN

BOISAMBRENE FORTE

LEMON OIL
LEMON TERPENES
LIME TERPENES
Citronellol
HELIONAL

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.
Take off contaminated clothing and wash it before reuse.
If skin irritation or rash occurs: Get medical advice/attention.
Specific treatment (see on this label).
Dispose of contents/container in accordance with local/regional/national/international regulations.

Information pertaining to particular dangers for man and environment:

Classification system:

NFPA ratings (scale 0 - 4)

Health = 0

Fire = 1

Reactivity = 0

HMIS-ratings (scale 0 - 4)

Health = 0

Fire = 1

Reactivity = 0

Other hazards

Results of PBT and vPvB assessment

PBT:

Not applicable.

vPvB:

Not applicable.

Classification according to (d)(1)(ii) of § 1910.1200

The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.

Hazards not otherwise classified

There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Mixtures

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

Dangerous components:

54464-57-2	ISO E SUPER Skin irritation 2, H315; Sensitization - skin 1, H317	>2.5-<10%
115-95-7	Linalyl acetate Skin irritation 2, H315; Eye irritation 2A, H319; Flammable liquids 4, H227	≤2.5%
78-70-6	Linalool Sensitization - skin 1B, H317; Flammable liquids 4, H227	≥1-≤2.5%
1506-02-01	FIXOLIDE Acute toxicity - oral 3, H301	≤2.5%
121-32-4	ETHYL VANILLIN Acute toxicity - oral 4, H302	≤2.5%
63500-71-0	FLOROL Eye irritation 2A, H319	≤2.5%
91-64-5	COUMARIN Acute toxicity - oral 3, H301; Sensitization - skin 1, H317	≥0.1-<1%
33704-61-9	CASHMERAN Skin irritation 2, H315; Eye irritation 2A, H319; Sensitization - skin 1, H317	≥0.1-<1%
58567-11-6	BOISAMBRENE FORTE Skin irritation 2, H315; Sensitization - skin 1, H317	≥0.1-<1%
8008-56-8	LEMON OIL Flammable liquids 3, H226; Aspiration hazard 1, H304; Skin irritation 2, H315; Sensitization - skin 1, H317	≥0.1-<1%
100-51-6	benzyl alcohol Acute toxicity - oral 4, H302; Acute toxicity - dermal 4, H312; Eye irritation 2A, H319; Sensitization - skin 1B, H317	≥0.1-<1%

68917-33-9	LEMON TERPENES Flammable liquids 3, H226; Aspiration hazard 1, H304; Skin irritation 2, H315; Sensitization - skin 1, H317	≥0.1-<1%
68917-71-5	LIME TERPENES Flammable liquids 3, H226; Aspiration hazard 1, H304; Skin irritation 2, H315; Sensitization - skin 1, H317	≥0.1-<1%
106-22-9	Citronellol Skin irritation 2, H315; Eye irritation 2A, H319; Sensitization - skin 1, H317	≥0.1-<1%
1205-17-0	HELIONAL Sensitization - skin 1, H317	≥0.1-<1%

4. FIRST AID MEASURES

Description of first aid measures

General information:

Immediately remove any clothing soiled by the product.

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.

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.

Protective Action Criteria for Chemicals

PAC - 1	91-64-5	COUMARIN	0.88 mg/m ³
	100-51-6	benzyl alcohol	30 ppm
	112-31-2	ALDEHYDE C-10	1.8 ppm
	124-13-0	ALDEHYDE C-8	17 mg/m ³
	124-19-6	ALDEHYDE C-9	15 mg/m ³

PAC - 2	91-64-5	COUMARIN	9.7 mg/m ³
	100-51-6	benzyl alcohol	52 ppm
	112-31-2	ALDEHYDE C-10	120 mg/m ³
	124-13-0	ALDEHYDE C-8	190 mg/m ³
	124-19-6	ALDEHYDE C-9	170 mg/m ³

PAC - 3	91-64-5	COUMARIN	58 mg/m3
	100-51-6	benzyl alcohol	740 ppm
	112-31-2	ALDEHYDE C-10	740 mg/m3
	124-13-0	ALDEHYDE C-8	1,100 mg/m3
	124-19-6	ALDEHYDE C-9	990 mg/m3

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.

7. HANDLING AND STORAGE

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

Control parameters

Components with limit values that require monitoring at the workplace:

The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

100-51-6 benzyl alcohol

WEEL	Long-term value: 10 ppm
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Additional information:

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

Exposure controls

Appropriate engineering controls

No further data; see section 7.

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

Physical state	Liquid
Color	Clear yellow to amber
Odor	Characteristic
Odor Threshold	Not determined
Melting point/Melting range	Undetermined.
Boiling point/Boiling range	Undetermined.
Flammability	Not applicable.
Explosion limits	
Lower	Not determined.
Upper	Not determined.
Flash point	>93 °C (>199.4 °F)
Decomposition temperature	Not determined.
pH-value	Not determined.
Viscosity	
Kinematic	Not determined.
Dynamic	Not determined.
Solubility in / Miscibility with Water	Not miscible or difficult to mix.
Partition coefficient (n-octanol/water)	Not determined
Vapor pressure	Not determined
Vapor pressure	
Density at 20 °C (68 °F)	1.00315 g/cm ³ (8.37129 lbs/gal)
Relative density	Not determined
Vapor density	Not determined
Particle characteristics	Not applicable.

Other information

Note: The information contained within this document was prepared by technical personnel and is believed to be true and accurate to the best of our knowledge. However, no warranty, express or implied, is provided regarding merchantability, fitness for a particular purpose, performance, safety, suitability, stability, or other aspects of the product. This information is not comprehensive and does not cover all potential conditions of use, handling, storage, disposal, or other factors that may involve legal, environmental, safety, or performance considerations. Natural Bulk Supplies accepts no liability for the use of or reliance upon this information. Our technical personnel are available to address inquiries, but the customer bears ultimate responsibility for the safe handling and use of the product. No suggestions for use are made that would encourage the infringement of existing patents or the violation of any Federal, State, local, or foreign laws.

Appearance:

Form: Liquid

Important information on protection of health and environment, and on safety.

Ignition temperature	Product is not selfigniting.
Danger of explosion	Product does not present an explosion hazard.
Solvent content	
Organic solvents	0.6 %
VOC content	0.60 % 6.0 g/l / 0.05 lb/gal
Solids content	4.5 %
Change in condition	
Evaporation rate	Not determined.

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	5,946 mg/kg
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78-70-6 Linalool

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

121-32-4 ETHYL VANILLIN

Oral	LD50	1,590 mg/kg (rat)
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91-64-5 COUMARIN

Oral	LD50	293 mg/kg (rat)
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100-51-6 benzyl alcohol

Oral	LD50	1,200 mg/kg (ATE) 1,230 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rabbit)

106-22-9 Citronellol

Oral	LD50	3,450 mg/kg (rat)
Dermal	LD50	2,650 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

Interactive effects

No interactive effects between components are known.

Carcinogenic categories

IARC (International Agency for Research on Cancer)

91-64-5	COUMARIN	3
128-37-0	BHT	3
2783-94-0	FD&C YELLOW NO. 6	3

NTP (National Toxicology Program)

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

Alternative sources for toxicological information

No non-standard sources for toxicological information where used.

12. ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity:

No further relevant information available.

Persistence and degradability

No further relevant information available.

Bioaccumulative potential

No further relevant information available.

Mobility in soil

No further relevant information available.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects

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.

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
Packing group DOT, IMDG, IATA	not regulated
Environmental hazards:	Not applicable
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable
Special precautions for user	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

All statements, technical information and recommendations contained herein are based on tests and data which Natural Bulk Supplies believes to be currently reliable, but this accuracy or completeness thereof is not guaranteed and no warranty of any kind is made with respect thereto. This information is not intended as a license to operate under or a recommendation to practice or infringe any patent of this company or others covering any process, composition of matter or use. Since we shall have no control of the use of the product described here in, we assume no Liability for loss or damage incurred from the proper or improper use of such product.