

SAFETY DATA SHEET

Printed on 01 Mar 2021

CLP: According to 2015/830/EU

Code Number DEV-53104
Version 2 Revised 15/01/2021 14:11:20

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product Name BLACK MUSK FRAGRANCE 10.188
Code Number DEV-53104
Alternative Name
REACH Reg No Not registered

1.2 Relevant identified uses of the substance or mixture and uses advised against
Concentrated fragrance material for manufacturing purposes only.

1.3 Details of the supplier of the safety data sheet

Essican Group Ltd
Unit 2A
Hollow Wood Road
Dover
Kent
CT17 0UB

Telephone Number 01304-363-632
Email Address sales@purelifeuk.co.uk

1.4 Emergency Tel No 07922 230825

Section 2. Hazard Identification

2.1 Classification of the substance or mixture

SS 1B Skin sensitisation, category 1B
EH C2 Aquatic hazard, chronic, category 2

2.2 CLP Label elements

CLP classification according to Regulation (EC) No 1272/2008

Hazard Pictograms



Signal Word Warning

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Hazard Statements

- H317 May cause an allergic skin reaction
H411 Toxic to aquatic life with long lasting effects

Precautionary Statements

- P273 Avoid release to the environment.
P280 Wear protective gloves and eye protection
P302+P352 IF ON SKIN: Wash with plenty of water.
P333+P313 If skin irritation or rash occurs: Get medical advice.
P501 Dispose of contents and container in accordance with local regulation.

2.3 Other Hazards

Contains alpha-iso-Methylionone, Benzyl Alcohol, Benzyl Benzoate, Benzyl Salicylate, Citronellol, Coumarin, Eugenol, Farnesol, Geraniol, Hexyl Cinnamal, Isoeugenol and Linalool which may produce an allergic reaction

Section 3. Composition / information on ingredients

Any percentage values listed here for hazardous components are for illustrative purposes only

3.2 Mixtures

Complex mixture of fragrance ingredients

Hazardous components

ID Numbers	Chemical Name, Classification and Hazards	Conc (%)
CAS EINECS REACH	GALAXOLIDE 50% IPM EH A1,C1 H400,H410	>=3%,<5%
CAS 118-58-1 EINECS 204-262-9 REACH	Benzyl salicylate SS 1B;EH A2,C2 H317,H401,H411	>=1%,<3%
CAS 140-11-4 EINECS 205-399-7 REACH	Benzyl acetate Not classified	>=1%,<3%
CAS 60-12-8 EINECS 200-456-2 REACH	Phenethyl alcohol (Phenyl ethyl alcohol) EDI 2 H319	>=1%,<3%

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CAS 101-86-0 EINECS 202-983-3 REACH	alpha-Hexyl cinnamic aldehyde (HCA) (2-Hexyl-phenyl-2-propenal) SS 1B; EH C2 H317,H411	>=1%, <3%
CAS 1506-02-1 EINECS 216-133-4 REACH	6-Acetyl-1,1,2,4,4,7-hexamethyltetraline (Tonalide,Fixolide,AHTN) ATO 4(1000); EH A1,C1 H302,H400,H410	>=1%, <3%
CAS 110-41-8 EINECS 203-765-0 REACH	Aldehyde C-12 MNA (2-Methyl undecanal) SCI 2; SS 1B; EH A1,C1 H315,H317,H400,H410	>=0.1%, <1%

Refer to section 16 for the wording of listed classification and hazard statement codes

Section 4. First Aid measures

Take phrases in section 2 into account

4.1 Description of first aid measures

After inhalation

After skin contact

After eye contact

After ingestion

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of immediate medical attention and special treatment needed

Section 5. Fire-fighting measures

5.1 Extinguishing Media

5.2 Special hazards arising from the substance or mixture

5.3 Advice for fire-fighters

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Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.2 Environmental precautions

6.3 Methods and material for containment and cleaning up

6.4 Reference to other sections

Refer to information in Sections 7, 8 and 13

Section 7. Handling and storage

7.1 Precautions for safe handling

7.2 Conditions for safe storage, including any incompatibilities

7.3 Specific end use(s)

Section 8. Exposure controls / personal protection

8.1 Control Parameters

8.2 Exposure controls

Engineering controls

Individual protection measures

Refer to Section 5 for specific fire/chemical personal protective equipment advice.
Always wash routinely before breaks, meals and at the end of the work period.

Eye/face protection

Hand protection

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Other skin protection

Respiratory protection

Thermal hazards

Environmental exposure controls

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

FLASH POINT (°C) Above 61

9.2 Other information

Section 10. Stability and reactivity

10.1 Reactivity

10.2 Chemical Stability

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

10.5 Incompatible materials

10.6 Hazardous decomposition products

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

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1-BENZOPYRAN-2-ONE (COUMARIN) (CAS: 91-64-5)

Oral route: LD50 = 500 mg/kg

6-ACETYL-1,1,2,4,4,7-HEXAMETHYLTETRALINE (TONALIDE, FIXOLIDE, (CAS: 1506-02-1)

Oral route: LD50 = 1000 mg/kg

BASIL OIL (METHYL CHAVICOL TYPE) (CAS: 8015-73-4)

Oral route: LD50 = 1300 mg/kg

Skin corrosion / irritation

Serious eye damage / irritation

Respiratory or skin sensitisation

Germ cell mutagenicity

Carcinogenicity

Reproductive toxicity

STO-single exposure

STO-repeated exposure

Aspiration hazard

Information on likely routes of exposure

Symptoms related to the physical, chemical and toxicological characteristics

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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Interactive effects

Section 12. Ecological information

12.1 Toxicity

12.2 Persistence and degradability

12.3 Bioaccumulative potential

12.4 Mobility in soil

12.5 Results of PBT and vPvB assessment

12.6 Other adverse effects

Section 13. Disposal considerations

Please refer to the information in section 8 (Exposure controls and personal protection)

13.1 Waste treatment methods

Section 14. Transport information

14.1 UN number 3082

14.2 UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS CEDARWOOD OIL)

14.3 Transport hazard class(es) 9

14.4 Packing group III

Tunnel Code (E)

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Section 15. Regulatory information

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

15.2 Chemical safety assessment

Section 16. Other information

Full list of precautionary phrases

P273	Avoid release to the environment.
P280	Wear protective gloves and eye protection
P302+P352	IF ON SKIN: Wash with plenty of water.
P333+P313	If skin irritation or rash occurs: Get medical advice.
P501	Dispose of contents and container in accordance with local regulation.

Wording of any hazard classes listed in section 3

ATO 4	Acute toxicity, oral, category 4
SCI 2	Skin corrosion/irritation, category 2
SS 1B	Skin sensitisation, category 1B
EDI 2	Eye damage/irritation, category 2
EH A1	Aquatic hazard, acute, category 1
EH A2	Aquatic hazard, acute, category 2
EH C1	Aquatic hazard, chronic, category 1
EH C2	Aquatic hazard, chronic, category 2

Wording of any hazard statements listed in section 3

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
H401	Toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects

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IFRA Conformity Certificate

Compound Name : BLACK MUSK FRAGRANCE 10.188

Code Number : DEV-53104

We certify that the above compound is in compliance with the standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA-48th amendment), provided it is used at a maximum concentration level of:

IFRA category (*)	Maximum level of use (%) (w/w) (**)
1 (***)	0.00 (***)
2	9.52
3A	42.86
3B	42.86
3C	42.86
3D	42.86
4A	100.00
4B	100.00
4C	80.00
4D	100.00
5	63.49
6 (***)	0.00 (***)
7A	15.87
7B	15.87
8A	80.00
8B	100.00
9A	100.00
9B	100.00
9C	100.00
10A	100.00
10B	80.00
11	100.00

(*) See annex for definition of IFRA categories

(**) Usage limit N/A = Not Applicable; no IFRA restrictions

(***) IFRA would recommend that any material used to impart perfume or flavour in products intended for human ingestion should consist of ingredients that are in compliance with appropriate regulations for foods and food flavourings

For other kinds of application or use at higher concentrations, a new safety evaluation may be needed; please contact Industrial Fragrances Ltd

The IFRA Standards regarding restrictions 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 our customer to ensure the safety of the final product (containing this fragrance) by further testing if need be.

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Annex: Definition of IFRA QRA categories

Finished Product Types	IFRA category
Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.) Children's Toys	1
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	2
Hydroalcoholic Products Applied To Recently Shaved Skin (includes After Shave) - EdT	3A
Hydroalcoholic Products Applied To Recently Shaved Skin (includes After Shave) - Fine Fragrance	3B
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	3C
Tampons	3D
EdT - Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum Ingredients of Perfume Kits Scent Pads, Foil packs Scent Strips for hydroalcoholic products	4A
Fine Fragrance - Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum	4B
Hair Styling Aids Sprays of all types (pumps, aerosol sprays, etc.) Body Creams, Oils, Lotions of all types (except baby creams, lotions and oils) Body sprays (including Body Mist) with no intended or reasonably foreseeable use on the axillae Fragrance Compounds for Cosmetic Kits Foot Care Products Hair deodorant Body Paint (except those for children)	4C
Fragrancing Cream, Solid Perfumes	4D
Facial Masks Women's Facial Creams/Facial Make-up, Hand Cream, Hand sanitizers, 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, Dry Shampoo or Waterless Shampoo	5(*) 5
Mouthwash, including Breath Sprays, Toothpaste	6
Intimate Wipes, Baby Wipes	7A
Insect Repellent (intended to be applied to the skin)	7B
Make-up Removers of all types (not including face cleansers), Hair Styling Aids Non-Spray of all types (mousse, gels, leave-conditioners, etc.), Nail Care, Powders and talcs, all types (except baby powders and talcs)	8A
Hair Dyes	8B
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.), All Depilatories (including waxes for mechanical hair removal), 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	9A
Feminine hygiene - pads, liners, Toilet paper, Wheat bags	9B
Facial tissues, Napkins, Paper towels, Other Aerosols (including air freshener sprays and air freshener pump sprays, but not including deodorants/antiperspirants, hair styling aids sprays)	9C

Annex: Definition of IFRA QRA categories - continued

Finished Product Types	IFRA category
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.), Shampoos for pets, Dry cleaning kits, Scented gloves, socks, tights with moisturizers	10A
Diapers, Toilet seat wipes	10B
<p style="text-align: center;">All non-skin contact or incidental skin contact including:</p> <p>Candles, 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, powders, 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 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 Dishwash Detergent and Deodorizers, Machine-only Laundry Detergent (e.g. liquid tabs)**, 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)</p>	11

* Class 5, Facial masks: There are several types of masks: peel off (similar to rinse-off, rinse-off and leave-on (you only remove the excess with a facial tissue). To ease the split the most restrictive, i.e. leave-on is applied for all.

** Liquid tabs corresponds to a dose of liquids wrapped in a film: no contact with hands is expected under normal conditions of use

The table was prepared with the intention to cover the vast majority of the products; however it may not cover some specific applications. In this case other classes may be attributed based on a specific risk assessment.

Allergen Analysis

Compound Name : BLACK MUSK FRAGRANCE 10.188

Code Number : DEV-53104

fragrance ingredient	CAS No.	Concentration present as a percentage (%) or 'A' for absent in fragrance		
		Added as such	From natural & other sources	Total
alpha-iso-Methylionone	127-51-5	0.63	A	0.63
Amyl Cinnamal	122-40-7	A	A	A
Amylcinnamyl Alcohol	101-85-9	A	A	A
Anise Alcohol	105-13-5	A	A	A
Benzyl Alcohol	100-51-6	A	0.00	0.00
Benzyl Benzoate	120-51-4	A	0.04	0.04
Benzyl Cinnamate	103-41-3	A	A	A
Benzyl Salicylate	118-58-1	1.50	0.03	1.53
Butylphenyl Methylpropional (Lilial)	80-54-6	A	A	A
Cinnamal	104-55-2	A	A	A
Cinnamyl Alcohol	104-54-1	A	A	A
Citral	106-26-3 141-27-5 5392-40-5	A	A	A
Citronellol	106-22-9 1117-61-9 141-25-3 6812-78-8 68916-43-8 7540-51-4	0.88	A	0.88
Coumarin	91-64-5	0.25	A	0.25
Eugenol	97-53-0	0.08	0.01	0.09
Evernia Furfuraceae (Tree Moss) Extract	90028-67-4	A	A	A
Evernia Prunastri (Oak Moss) Extract	90028-68-5	A	A	A
Farnesol	4602-84-0	A	0.02	0.02
Geraniol	106-24-1	A	0.01	0.01
Hexyl Cinnamal	101-86-0	1.25	A	1.25
Hydroxycitronellal	107-75-5	A	A	A
Isoeugenol	97-54-1	A	0.00	0.00
Limonene	138-86-3 5989-27-5 5989-54-8 7705-14-8	A	A	A
Linalool	126-90-9 126-91-0 78-70-6	A	0.14	0.14
Methyl 2-Octynoate	111-12-6	A	A	A

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