



MATERIAL SAFETY DATA SHEET

JIM CHEW LADY PN793671
Date: 16 October 2012
MSDS Revision: 01

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1. Identification of the substance/preparation and company

Product name : JIM CHEW LADY PN793671
Company name : AROMATIC FLAVOURS & FRAGRANCES EUROPE
Company address : AFF HOUSE
STATION ROAD INDUSTRIAL ESTATE
ELMSWELL, BURY ST. EDMUNDS
SUFFOLK IP30 9HR
UNITED KINGDOM
Emergency phone : 07934 427028
Fax : 01359 242129 Email: swilkinson@af-f.com

2. Hazards identification

General : When undiluted and not properly handled, can be irritating to the skin and eyes and upon inhalation. Combustible material that can sustain a fire.
Hazard symbol : Xi, Irritant.
Risk phrases : N, Dangerous for the environment.
: R43, May cause sensitisation by skin contact.
: R51/53, Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Environment : When spilled, can contaminate soil, ground and surface water.

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3.Composition/information on ingredients

Chemical identification: Fragrance composition: multicomponent mixture of aromatic materials.

CAS number : Not applicable, product is a mixture.
EINECS number : Not applicable, product is a mixture.

Contains	CAS/EINECS	Hazard Symbols	Conc%
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran	1222-05-5 /214-946-9	N; R 50/53	9.8
(L) 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (OTNE)	54464-57-2 /259-174-3	Xi-N; R 38-43-51/53	15.6
2,6-octadien,3,7-dimethyl, acetate	16409-44-2 /240-458-0	N; R 51/53	0.9
2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol	28219-61-6 /248-908-8	Xi-N; R 36/38-50/53	1.0
3,3-Dimethyl-5-(2,2,3-trimethyl-3-cyclopenten-1-yl)-4-penten-2-ol	107898-54-4 /411-580-3	Xi-N; R 38-50/53	2.0
(L) Benzyl 2-hydroxybenzoate	118-58-1 /204-262-9	Xi-N; R 43-51/53	3.8
d-para-Mentha-1,8-Diene	5989-27-5 /-	Xi-N; R 10-38-43-50/53-65	0.5
Dimethyl Benzyl carbonyl butyrate	10094-34-5 /233-221-8	N; R 51/53	0.1
Hexyl Acetate	142-92-7 /205-572-7	N; R 10-51/53	0.3
IONONE BETA	14901-07-6 /238-969-9	N; R 51/53	1.5
Tetrahydro-2-isobutyl-4-methyl-pyran-4-ol	63500-71-0 /405-040-6	Xi; R 36	4.5
(L) Z-3-Hexenyl Salicylate	65405-77-8 /265-745-8	Xi-N; R 43-50-53	4.2



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4. First-aid measures

- Inhalation : Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
- Eye exposure : Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
- Skin exposure : Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.
- Ingestion : Rinse mouth with water and obtain medical attention.
- Others : Take Risk and Safety phrases (section 15) into consideration.

5. Fire-fighting measures

- Extinguishing media : Carbon dioxide, dry chemical, foam.
Do not use a direct water-jet on burning material.

6. Accidental release measures

- Personal precautions : Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.
- Spillage : Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Gross spillage should be contained immediately by use of sand or inert powder and disposed of according to local regulations.
- Environmental precautions : Keep away from drains, surface and ground water, and soil.

7. Handling and storage

- Handling : Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.
- Storage : Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original containers. Avoid plastic and uncoated metal containers. Keep air contact to a minimum.
- Fire protection : Keep away from ignition sources and naked flame.



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8.Exposure controls/personal protection

Respiratory protection : Avoid excessive inhalation of concentrated vapours.
Eye protection : Wear safety glasses.
Skin protection : Avoid skin contact. Use chemically resistant gloves as needed.

9.Physical and chemical properties

Appearance : Very Pale Yellow To Pale Yellow in 8ml Vial
Odour : Not determined.
pH-value : Not determined.
Viscosity : Not determined.
Freezing point : Not determined.
Boiling point : Not determined.
Melting point : Not determined.
Flash point : >61 degC (CC)
Autoflammability : Not determined.
Explosive property : None expected.
Oxidising property : None expected.
Vapour pressure : Not determined.
Relative density : 0.9750 to 0.9950 @ 20 degC
Solubility water : Insoluble.
Solubility ethanol : Not determined.
Partition coeff. : Not determined.
Refractive index : 1.4663 to 1.4863 @ 20 degC

10.Stability and reactivity

Reactivity : Presents no significant reactivity hazard, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.
Decomposition : Carbon monoxide and unidentified organic compounds may be formed during combustion.

11.Toxicological information

Based on the ingredients in this composition and their concentrations, this product is according to the conventional method of EEC directive 1999/45/EC classified as:
May cause sensitisation by skin contact.



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12. Ecological information

General : This material is unlikely to accumulate in the environment and environmental problems under normal use conditions are unexpected.

13. Disposal considerations

Dispose of according to local regulations.
Avoid disposing into drainage systems and into the environment.

14. Transport information

	Class	Pack group	Sub risk	UN no	IMDG page
Road (CDGRR)	: 9	III		UN3082	
Air (IATA)	: 9	III		UN3082	
Sea (IMDG)	: 9	III		UN3082	

15. Regulatory information

Classification Packaging / Labelling (Directive 1999/45/EC)

Hazard symbol : Xi, Irritant.
: N, Dangerous for the environment.

Contains 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (OTNE), Benzyl 2-hydroxybenzoate, Z-3-Hexenyl Salicylate.

Risk phrases : R43, May cause sensitisation by skin contact.
: R51/53, Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases : S24, Avoid contact with the skin.
: S37, Wear suitable gloves.
: S61, Avoid release to the environment. Refer to special instructions/safety data sheet.



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16. Other information

Conc % Limits (*) : XiR43=6.41% NR51/53=16.03% R52/53=1.60% R53=62.84%
IFRACLS01.A=N/A IFRACLS01.B=3.261% IFRACLS02=4.348%
IFRACLS03.A=21.739% IFRACLS03.B=21.739%
IFRACLS03.C=21.739% IFRACLS03.D=21.739%
IFRACLS04.A=21.739% IFRACLS04.B=21.739%
IFRACLS04.C=21.739% IFRACLS04.D=21.739%
IFRACLS05=21.739% IFRACLS06=N/A IFRACLS07.A=8.696%
IFRACLS07.B=8.696% IFRACLS08.A=12.821%
IFRACLS08.B=12.821% IFRACLS09.A=21.739%
IFRACLS09.B=21.739% IFRACLS09.C=21.739%
IFRACLS10.A=16.026% IFRACLS10.B=16.026%
IFRACLS11.A=100.000% IFRACLS11.B=100.000%

(*) These are the maximum percent concentrations that this material can be used in a non-hazardous product without the indicated risk being applicable to that product.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.