



SAFETY DATA SHEET

INTERNATIONAL FLAVORS & FRAGRANCES

Product BOUQUET FRAG

Print Date 18.03.2014

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1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product name : BOUQUET FRAG
IFF Code : 266662

Use of the Substance/Mixture : Fragrance for consumer product

Company : International Flavors and
Fragrances (Australia) Pty Ltd
310 FRANKSTON DANDENONG ROAD
DANDENONG SOUTH VIC 3175

Telephone : +61397889200
Emergency telephone outside
Australia : +1 703 527 3887
Emergency telephone within
Australia : 1800 257 104

2. HAZARDS IDENTIFICATION

Nature of Hazard

Classified as dangerous goods according to the ADG Code
Classified as hazardous according to criteria of NOHSC.

Risk advice to man and the environment

Symbol(s) : Xi Irritant
N Dangerous for the environment

R-phrase(s) : R43 May cause sensitization by skin contact.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s) : S24 Avoid contact with skin.
S37 Wear suitable gloves.
S61 Avoid release to the environment. Refer to special instructions/ Safety data sheets.


GHS-Labeling

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Symbol(s) : 

Signal word : Warning

Hazard statements : H316: Causes mild skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H411: Toxic to aquatic life with long lasting effects.

Precautionary statements : P261: Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264: Wash skin 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/ eye protection/ face protection.
P302 + P352: IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321: Specific treatment (see supplemental first aid instructions on this label).
P333 + P313: If skin irritation or rash occurs: Get medical advice/ attention.
P337 + P313: If eye irritation persists: Get medical advice/ attention.
P363: Wash contaminated clothing before reuse.
P391: Collect spillage.

P501: Dispose of contents/ container to an approved waste disposal plant.

Standard for the Uniform Scheduling of Medicines and Poisons

Standard for the Uniform Scheduling of Medicines and Poisons : No poison schedule number allocated

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS-No. : Not applicable, product is a mixture.

This product is a complex mixture of ingredients, which contains among others the following substance(s), presenting a health or environmental hazard within the meaning of Directive 67/548/EEC, or having an occupational exposure limit:

CAS-No.	Components	Classification	GHS Classification	Concentration
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60-12-8	Benzeneethanol	Xi; R36	Eye Dam./Irrit.2A; H319 Acute Tox.5; H303	0 - 10 %
122-40-7	Heptanal, 2-(phenylmethylene)-	R43 N; R51/53	Skin Sens.1B; H317 Aquatic Chronic2; H411 Aquatic Acute2; H401 Acute Tox.5; H303 Skin Irrit.3; H316	2.5 - 10 %
98-55-5, 8000-41-7	Terpineol	Xi; R36/38	Skin Corr./Irrit.2; H315 Flam. Liq.4; H227 Eye Dam./Irrit.2A; H319 Acute Tox.5; H303 Aquatic Acute2; H401	0 - 10 %
118-58-1	Benzoic acid, 2-hydroxy-, phenylmethyl ester	Xi; R43 N; R51/53	Skin Sens.1B; H317 Aquatic Chronic2; H411 Aquatic Acute2; H401 Acute Tox.5; H303	2.5 - 10 %
2050-08-0, 87-20-7	Benzoic acid, 2-hydroxy-, pentyl ester	N; R50/53	Aquatic Chronic1; H410 Acute Tox.5; H303 Skin Corr./Irrit.3; H316 Aquatic Acute1; H400	2.5 - 10 %
1222-05-5	Cyclopenta[g]-2-benzopyran, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl-	N; R50/53	Aquatic Chronic1; H410 Aquatic Acute1; H400 Skin Corr./Irrit.3; H316	0.25 - 2.5 %

For the full text of the R-phrases mentioned in this Section, see Section 16.

Ingredients determined as non hazardous

30 - 60%

4. FIRST AID MEASURES

- General advice : Take Risk and Safety phrases (section 15) into account.
- Inhalation : Remove from exposure site to fresh air and keep at rest. Obtain medical advice.
- Skin contact : Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.

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Eye contact : Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

Ingestion : Rinse mouth with water and obtain medical advice.

5. FIREFIGHTING MEASURES

Suitable extinguishing media : Carbondioxide, dry chemical, foam.

Unsuitable extinguishing media : Do not use a direct waterjet 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.

Environmental precautions : Keep away from drains, surface- and groundwater and soil.

Methods for cleaning up : Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

7. HANDLING AND STORAGE

Handling

Advice on safe handling : Avoid excessive inhalation of concentrated vapors. Follow good manufacturing practices for housekeeping and personal hygiene. Wash any exposed skin immediately after any chemical contact, before breaks and meals, and at the end of each work period. Contaminated clothing and shoes should be thoroughly cleaned before re-use.

If appropriate, procedures used during the handling of this material should also be used when cleaning equipment or removing residual chemicals from tanks or other containers, especially when steam or hot water is used, as this may increase vapor concentrations in the workplace air. Where chemicals are openly handled, access should be restricted to properly trained employees.

Keep all heated processes at the lowest necessary temperature in order to minimize emissions of volatile chemicals into the air.

Advice on protection against : Keep away from ignition sources and naked flame.

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fire and explosion

Storage

Requirements for storage areas and containers : Store in a cool, dry, ventilated area away from heat sources. Keep containers upright and tightly closed when not in use.

Further information on storage conditions : Keep in nitrite free containers.

Materials to avoid : Reaction with nitrosating agents may lead to the formation of carcinogenic nitrosamines. ()

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures

Advice : Where appropriate, use closed systems to transfer and process this material.
If appropriate, isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant.

Personal protective equipment

Respiratory protection : Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures.
No respiratory protection is required during normal operations in a workplace where engineering controls such as adequate ventilation, etc. are sufficient.

If engineering controls and safe work practices are not sufficient, an approved, properly fitted respirator with organic vapor cartridges or canisters and particulate filters should be used:

- a) while engineering controls and appropriate safe work practices and/or procedures are being implemented; or
- b) during short term maintenance procedures when engineering controls are not in normal operation or are not sufficient; or
- c) if normal operational workplace vapor concentration in the air is increased due to heat ;
- d) during emergencies; or
- e) if engineering controls and operational practices are not sufficient to reduce airborne concentrations below an established occupational

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exposure limit.

- Hand protection : Avoid skin contact. Use chemically resistant gloves.
- Eye protection : Use tight-fitting goggles, face shield or safety glasses with side shields if eye contact might occur.
- Hygiene measures : To the extent deemed appropriate, implement pre-placement and regularly scheduled ascertainment of symptoms and spirometry testing of lung function for workers who are regularly exposed to this material. To the extent deemed appropriate, use an experienced air sampling expert to identify and measure volatile chemicals that could be present in the workplace air to determine potential exposures and to ensure the continuing effectiveness of engineering controls and operational practices to minimize exposure.
- Protective measures : In December 2003, the National Institute for Occupational Safety and Health ("NIOSH") published an Alert on preventing lung disease in workers who use or make flavorings [NIOSH Publication Number 2004-110].
In August 2004, the United States Flavor and Extract Manufacturers Association (FEMA) issued a report entitled "Respiratory Safety in the Flavor Manufacturing Workplace".
Both of these reports provide recommendations for reducing employee exposure and for medical surveillance in the workplace. The recommendations in these reports are generally applicable to the use of any chemical in the workplace and you are strongly urged to review both of these reports.
The report published by FEMA also contains a list of "high priority" chemicals. If any of these chemicals are present in this product at a concentration $\geq 1.0\%$ due to an intentional addition by IFF, the chemical(s) will be identified in this safety data sheet.

Components with workplace control parameters

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

- Physical state : liquid
Colour : pale yellow to yellow
Odour : conforms to standard

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Flash point : 100 °C

Vapour pressure : 0.06 hPa
Note: Calculated

Relative density (20 °C) : 0.9950 - 1.0050

10. STABILITY AND REACTIVITY

Conditions to avoid : Remarks: Direct sources of heat.

Materials to avoid : Remarks: Reaction with nitrosating agents may lead to the formation of carcinogenic nitrosamines.

Hazardous decomposition products : Note: Carbon monoxide and unidentified organic compounds may be formed during combustion.

Hazardous reactions : Note: Presents no significant reactivity hazard, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.

11. TOXICOLOGICAL INFORMATION

There is no data available for this product. The health hazards are assessed based on the ingredients in this preparation and their concentrations according to the conventional method of Directive 99/45/EC (see sections 3 and 15).

12. ECOLOGICAL INFORMATION

There is no data available for this product. The environmental hazards are assessed based on the ingredients in this preparation and their concentrations according to the conventional method of Directive 99/45/ EC (see sections 3 and 15).

13. DISPOSAL CONSIDERATIONS

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

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

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14. TRANSPORT INFORMATION

ADG

UN number : 3082
Description of the goods : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S.
(ISOAMYL SALICYLATE, HEXAMETHYLINDANOPYRAN)
Labels : 9
Packing group : III

IATA

UN number : 3082
Description of the goods : Environmentally hazardous substance, liquid, n.o.s.
(ISOAMYL SALICYLATE, HEXAMETHYLINDANOPYRAN)
Labels : 9
Packing group : III

IMDG_GLOBAL

UN number : 3082
Description of the goods : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S.
(ISOAMYL SALICYLATE, HEXAMETHYLINDANOPYRAN)
Labels : 9
Packing group : III
Marine pollutant : yes

15. REGULATORY INFORMATION

GHS-Classification

Skin corrosion/irritation, Category 3
Serious eye damage/eye irritation, Category 2A
Skin sensitization, Category 1
Acute aquatic toxicity, Category 2
Chronic aquatic toxicity, Category 2

Hazardous components which must be listed on the label:

- 122-40-7 Heptanal, 2-(phenylmethylene)-
- 118-58-1 Benzoic acid, 2-hydroxy-, phenylmethyl ester
- 104-54-1 2-Propen-1-ol, 3-phenyl-

National regulatory information

Standard for the Uniform : No poison schedule number allocated
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Poisons

16. OTHER INFORMATION

Full text of R-phrases referred to under sections 2 and 3

R36 Irritating to eyes.
R36/38 Irritating to eyes and skin.

Full text of H-Statements referred to under sections 2 and 3.

H227 Combustible liquid
H303 May be harmful if swallowed.
H315 Causes skin irritation.
H316 Causes mild 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.

Further information

The information in this safety data sheet is based on the properties of the material known to IFF at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances under which it is packaged, stored or applied in the workplace. For such a safety assessment International Flavors & Fragrances holds no responsibility. This document is not intended for quality assurance purposes.

End of Safety Data Sheet

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