



SAFETY DATA SHEET

INTERNATIONAL FLAVORS & FRAGRANCES

Product : Pearl 6722
Date : February 4, 2004

Page 1 (5)

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Tradename : Pearl 6722
Product Use : Fragrance for consumer product
Manufacturer : INTERNATIONAL FLAVORS & FRAGRANCES
Tel.nr. : (48) 22 8582 560
Emergency tel.nr. : (31) 13 4642 211

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chem. identific. : Perfumery Composition
CAS number : Not applicable, product is a mixture.
EINECS/ELINCS number : Not applicable, product is a mixture.

This product is a complex mixture of fragrance 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:

EINECS/ELINCS #	Ingredient(s)	Classification	Conc. range
204-262-9	benzyl salicylate	Xi,R43	10-25%
204-541-5	alpha-amylcinnamaldehyde	Xi,R43 - N,R51/53	1-10%
214-946-9	hexahydro-hexamethylcyclopenta-gamma-benzopyran	N,R50/53	1-10%
228-408-6	n-hexyl 2-hydroxybenzoate	Xi,R38 - N,R50/53	1-10%
201-550-6	diethyl phthalate	Not Regulated	1-10%
200-456-2	2-phenylethyl alcohol	Xi,R36	1-10%

3. HAZARDS IDENTIFICATION

General : - Fragrance composition. When undiluted and not properly handled, can be irritating to the skin and eyes and upon inhalation.
- Combustible material.

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

Risk-phrases : R43, May cause sensitization 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.

4. FIRST AID MEASURES

Inhalation : Remove from exposure site to fresh air and keep at rest. Obtain medical advice.

MSDS version : 4
Date created : December 3, 2003
Update of section : 3,14,15



SAFETY DATA SHEET

INTERNATIONAL FLAVORS & FRAGRANCES

Product : Pearl 6722
Date : February 4, 2004

Page 2 (5)

4. FIRST AID MEASURES

Eye exposure : Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
Skin exposure : Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.
Ingestion : Rinse mouth with water and obtain medical advice.
Others : Take Risk and Safety phrases (section 15) into account.

5. FIRE-FIGHTING MEASURES

Extinguishing media : Carbondioxide, dry chemical, foam. 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.
Spillage : 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.
Environmental precautions : Keep away from drains, surface- and groundwater 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 container. Avoid plastic and uncoated metal container. Keep air contact to a minimum.
Fire protection : Keep away from ignition sources and naked flame.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection : Avoid excessive inhalation of concentrated vapours. Apply local ventilation where appropriate.
Eye protection : Use of goggles is recommended.
Skin protection : Avoid skin contact. Use chemically resistant gloves as needed.

Ingredient(s) with EU occupational exposure limit:

CAS number	Ingredient(s)	OEL	STEL
84-66-2	diethyl phthalate	5.0000 mg/m ³	

MSDS version : 4
Date created : December 3, 2003
Update of section : 3,14,15



SAFETY DATA SHEET

INTERNATIONAL FLAVORS & FRAGRANCES

Product : Pearl 6722
Date : February 4, 2004

Page 3 (5)

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : LIQUID
Odour : according to standard.
Colour : according to standard.
pH : not determined.
Viscosity : not applicable.
Congealing point : not determined.
Boiling point : not determined.
Melting point : not determined.
Flash point (closed cup) : > 100 °C
Auto ignition temperature : not determined.
Explosive limit vol% in air : none expected.
Oxidizing properties : none expected.
Vapour pressure (kpa) : not applicable.
Density (relative) d20/4 : not determined.
Solubility in water : not determined.
Solubility in ethanol : soluble.
Partition coef. log p octanol/water : not determined.
Refractive index nd20 : not determined.
Other :

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Based on the ingredients in this fragrance composition and their concentrations this product is according to the conventional method of EEC Directive 99/45/EC classified as:
sensitizing by repeated skin contact.

Contains : Benzyl salicylate

MSDS version : 4
Date created : December 3, 2003
Update of section : 3,14,15



SAFETY DATA SHEET

INTERNATIONAL FLAVORS & FRAGRANCES

Product : Pearl 6722
Date : February 4, 2004

Page 4 (5)

12. ECOLOGICAL INFORMATION

Based on the ingredients in this fragrance composition and their concentrations this product is according to the conventional method of EEC Directive 99/45/EC classified as:
toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONDITIONS

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

14. TRANSPORT INFORMATION

	Class Pollutant	Pack Group	Sub risk	UN-nr.	Marine
Road (ADR/RID)	: not regulated.				<input type="checkbox"/>
Air (IATA)	: not regulated.				<input type="checkbox"/>
Sea (IMDG)	: not regulated.				<input type="checkbox"/>

15. REGULATORY INFORMATION

Classification Packaging/Labelling : Directive 99/45/EC
Hazard symbol : N, Dangerous to the environment.
Xi, Irritant.
Risk-phrases : R43, May cause sensitization by skin contact.
R51/53, Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-phrases : S24, Avoid contact with skin.
S37, Wear suitable gloves.
S61, Avoid release to the environment. Refer to special instructions/Safety data sheets.
Contains : Benzyl salicylate
German water hazard class (WGK) : 2, hazard to waters

MSDS version : 4
Date created : December 3, 2003
Update of section : 3,14,15



SAFETY DATA SHEET

INTERNATIONAL FLAVORS & FRAGRANCES

Product : Pearl 6722
Date : February 4, 2004

Page 5 (5)

16. OTHER INFORMATION

Remarks

Risk-phrases : R36, Irritating to eyes.
: R38, Irritating to skin.
: R43, May cause sensitization by skin contact.
: R50/53, Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
: R51/53, Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

According to directive 2001/58/EC 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.

MSDS version : 4
Date created : December 3, 2003
Update of section : 3,14,15

POLAND FRAGRANCE SALES
ul. Wiertnicza 109
Warsaw 02-952
Tel.nr. : (48) 22 8582 560

Fax : (48) 22 8582 561

HOLLAND FRAGRANCES
Zevenheuvelenweg 60
Tilburg 5048 AN
Tel.nr. : (31) 13 4642 211

Fax : (31) 13 4636 032