



SAFETY DATA SHEET (SDS)

Prepared in accordance with the Globally Harmonized System (GHS) and Regulation (EC) No. 1907/2006 (REACH, as amended)

JACINTHAFLOR®

SECTION 1: IDENTIFICATION

1.1 Product Identification

Parameter	Details
Product Name	Jacintaflor®
Manufacturer	Symrise
Symrise Product No.	100216
Chemical Name	2-Methyl-4-phenyl-1,3-dioxolane
CAS Number	33941-99-0
EC Number	Refer to current Symrise SDS
EU REACH Registration	01-2120136881-55
Molecular Formula	C ₁₀ H ₁₂ O ₂
Molecular Weight	164.2 g/mol
Chemical Class	Acetal
Product Type	Synthetic Fragrance Ingredient
Olfactive Family	Floral / White Flower / Animalic

1.2 Relevant Identified Uses

Professional fragrance ingredient for:

- Fine fragrance
- Jasmine accords
- Orange blossom
- Tuberose
- Gardenia
- Lily of the valley
- White-flower bouquets
- Animalic floral accords
- Ambery florals
- Soap
- Shampoo
- Personal care
- Household fragrance

Symrise Recommended Use Level: 0.01–1%



This is perfumery guidance and not automatically an IFRA maximum.

1.3 Uses Advised Against

- Internal consumption
- Direct undiluted consumer use
- Pharmaceutical use without separate assessment
- Use as a finished cosmetic ingredient without formulation assessment
- Uncontrolled environmental release

1.4 Supplier

Aromology Trading LLC
G05 Al Ghazal Building
Nadd Al Hamar
Dubai, United Arab Emirates
Website: www.aromology.com
Email: info@aromology.com
Telephone: +971 505197601

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification

A definitive current CLP/GHS classification for the exact Symrise commercial Product No. 100216 should be taken from the latest regional Symrise SDS.

For professional handling, observe normal precautions applicable to concentrated fragrance chemicals.

2.2 Recommended Precautions

- Avoid direct eye contact.
- Avoid prolonged skin contact.
- Avoid breathing concentrated vapour or aerosol.
- Wear suitable protective gloves.
- Wear safety glasses during transfer/filling.
- Use adequate ventilation.
- Wash hands thoroughly after handling.
- Do not ingest.

2.3 Other Hazards

- Concentrated fragrance material.
- Spilled liquid may create a slippery surface.
- Heating may increase vapour generation.



- Strong odour may cause discomfort in poorly ventilated spaces.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance

Component	CAS No.	Specification
2-Methyl-4-phenyl-1,3-dioxolane	33941-99-0	Minimum 95% GC – sum of isomers

3.2 Composition

Jacintaflor® is a technical isomeric fragrance material.

Parameter	Status
Principal substance	2-Methyl-4-phenyl-1,3-dioxolane
GC Purity	≥95%, sum of isomers
Stabilizer	None
Occurrence in Nature	No
Chemical Class	Acetal

SECTION 4: FIRST-AID MEASURES

4.1 Inhalation

Move affected person to fresh air.

Keep comfortable for breathing.

Obtain medical attention if symptoms persist.

4.2 Skin Contact

Remove contaminated clothing.

Wash affected skin thoroughly with soap and water.

Seek medical advice if persistent irritation develops.

4.3 Eye Contact

Rinse cautiously with clean water for at least 15 minutes.



Remove contact lenses if present and easy to do.

Continue rinsing.

Seek medical attention if irritation persists.

4.4 Ingestion

Rinse mouth.

Do not induce vomiting unless instructed by medical personnel.

Obtain medical advice if a significant quantity has been swallowed or symptoms develop.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media

Use:

- Carbon dioxide
- Dry chemical powder
- Alcohol-resistant foam
- Water fog

5.2 Flash Point

Approximately:

96°C

The material is combustible when sufficiently heated but is not a highly volatile flammable liquid.

5.3 Hazardous Combustion Products

May include:

- Carbon monoxide
- Carbon dioxide
- Irritating organic vapours
- Smoke

5.4 Firefighter Protection

Wear appropriate protective clothing and self-contained breathing apparatus where required.



SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions

- Ensure adequate ventilation.
- Avoid skin and eye contact.
- Wear gloves.
- Wear suitable eye protection.
- Keep unnecessary personnel away.

6.2 Environmental Precautions

Prevent uncontrolled release into:

- Drains
- Sewers
- Surface water
- Groundwater
- Soil

6.3 Cleanup

Absorb using:

- Sand
- Vermiculite
- Diatomaceous earth
- Universal chemical absorbent

Transfer collected material into appropriately labelled waste containers.

Dispose according to applicable regulations.

SECTION 7: HANDLING AND STORAGE

7.1 Safe Handling

- Use adequate ventilation.
- Avoid prolonged skin contact.
- Avoid eye contact.
- Avoid breathing concentrated vapour.
- Keep container closed when not in use.
- Wash hands after handling.
- Do not eat, drink or smoke in handling areas.

7.2 Storage



Store:

- In original tightly closed containers
- Cool and dry
- In a well-ventilated area
- Protected from direct sunlight
- Away from excessive heat
- Away from strong oxidising agents

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Occupational Exposure Limits

No specific occupational exposure limit is stated in the official Symrise technical product sheet.

8.2 Engineering Controls

Provide:

- Good general ventilation
- Local exhaust where appropriate
- Eyewash facilities
- Controlled bulk-transfer systems

8.3 Personal Protective Equipment

Protection	Recommendation
Eyes	Safety glasses / chemical goggles
Hands	Chemical-resistant gloves
Skin	Protective work clothing
Respiratory	Organic-vapour protection if ventilation is inadequate

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Clear, colourless liquid
Odour	Floral, white flower, animalic
GC Purity	Minimum 95% – sum of isomers
Molecular Formula	C ₁₀ H ₁₂ O ₂
Molecular Weight	164.2 g/mol
Flash Point	Approx. 96 °C



Boiling Point	240.6°C
Log P (Kow)	1.74
Stabilizer	No
Occurrence in Nature	No
Chemical Class	Acetal

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No unusual reaction expected under normal recommended conditions.

10.2 Chemical Stability

Stable under appropriate storage conditions.

10.3 Hazardous Reactions

Hazardous polymerisation is not expected.

10.4 Conditions to Avoid

Avoid:

- Excessive heat
- Open flame
- Strong oxidising conditions

10.5 Incompatible Materials

Strong oxidising agents.

10.6 Hazardous Decomposition Products

Thermal decomposition may produce:

- Carbon monoxide
- Carbon dioxide
- Irritating organic vapours

SECTION 11: TOXICOLOGICAL INFORMATION

The current original Symrise SDS should be used for definitive toxicological classifications.



General professional handling considerations include:

- Avoid ingestion.
- Avoid prolonged skin contact.
- Avoid direct eye exposure.
- Avoid unnecessary inhalation of concentrated vapours.

No toxicological conclusion should be inferred solely from the recommended perfumery use level.

SECTION 12: ECOLOGICAL INFORMATION

Avoid unnecessary environmental release.

The material should not be discharged in concentrated form into drains, waterways or soil.

Log P (Kow): 1.74

This value is reported by Symrise.

Current Symrise SDS documentation should be consulted for definitive:

- Aquatic toxicity classification
 - Biodegradation data
 - PBT/vPvB assessment
 - Environmental labelling
-

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose through an authorised waste-management facility.

Do not discharge concentrated product into drains.

Dispose of contaminated packaging according to applicable local regulations.

SECTION 14: TRANSPORT INFORMATION

Final transport classification should be taken from the current regional Symrise SDS for Product No. 100216.

Verify:

- UN number, if applicable
- ADR/RID
- IMDG



- IATA
- Marine pollutant status
- Package-size exemptions

before shipment.

SECTION 15: REGULATORY INFORMATION

Relevant frameworks include:

- Regulation (EC) No. 1907/2006 – REACH
- Regulation (EC) No. 1272/2008 – CLP
- Regulation (EU) 2020/878
- Cosmetics Regulation (EC) No. 1223/2009
- Regulation (EU) 2023/1545
- IFRA Standards through the 51st Amendment

EU REACH Registration: 01-2120136881-55

SECTION 16: OTHER INFORMATION

OLFACTIVE PROFILE

Jacinthaflor® is characterized by:

- White flowers
- Floral
- Animalic
- Indolic
- Jasmine
- Hyacinth-like floral freshness

It provides an indole-like white-floral volume and acts as an impact booster for floral compositions.

It also helps harmonise:

Floral heart → Ambery base

Symrise reports excellent colour stability and good olfactory stability in bleach.

RECOMMENDED USE LEVEL

0.01–1%



DISCLAIMER

This supplier-style SDS is based principally on official Symrise technical information.

It is not the original Symrise-issued SDS.

For workplace hazard classification, transport, customer regulatory approval or official submission, the current regional Symrise SDS for Product No. 100216 shall prevail.

Authorised by:

Fozia Khot
Director