



SAFETY DATA SHEET (SDS)

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

SULTANENE®

SECTION 1: IDENTIFICATION

Parameter	Details
Product Name	Sultanene®
Manufacturer	Symrise
Symrise Product No.	100072
CAS Number	15848-49-4
EU REACH	01-2119948844-24
Molecular Formula	C ₉ H ₁₄ O ₂
Molecular Weight	154.2 g/mol
Chemical Class	Ester
Product Type	Perfumery Aroma Chemical
Olfactive Family	Fruity / Pineapple / Plum / Jackfruit / Pear

These identification details are directly confirmed by Symrise.

Recommended Use: Professional fragrance formulation.

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

An SDS for Sultanene/CAS 15848-49-4 classifies the material as follows. This SDS is from a downstream supplier rather than the original Symrise regional SDS, so the latest Symrise SDS should take precedence for formal regulatory use.

2.1 GHS CLASSIFICATION

Hazard Class	Classification
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Hazard Class	Classification
Combustible Liquid	Category 4
Skin Corrosion / Irritation	Category 2

2.2 SIGNAL WORD

WARNING

2.3 HAZARD STATEMENTS

H227 – Combustible liquid.

H315 – Causes skin irritation.

2.4 PRECAUTIONARY STATEMENTS

P210 – Keep away from heat, sparks, open flames and hot surfaces. No smoking.

P264 – Wash hands and exposed skin thoroughly after handling.

P280 – Wear protective gloves/eye protection/face protection.

P302+P352 – IF ON SKIN: Wash with plenty of soap and water.

P332+P313 – If skin irritation occurs: Get medical advice/attention.

P362 – Take off contaminated clothing and wash before reuse.

P370+P378 – In case of fire: Use carbon dioxide, dry chemical or foam for extinction.

P403+P235 – Store in a well-ventilated place. Keep cool.

P501 – Dispose of contents/container in accordance with applicable regulations.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE

Parameter	Details
Substance	Sultanene®
CAS Number	15848-49-4
Chemical Name	2-Cyclopentene-1-acetic acid, ethyl ester
Molecular Formula	C ₉ H ₁₄ O ₂
Molecular Weight	154.2 g/mol
GC Purity	Minimum 95%
Chemical Class	Ester
Stabilizer	Yes

Symrise specifies minimum 95% GC purity and confirms that the commercial material contains a stabilizer.

SECTION 4: FIRST-AID MEASURES



INHALATION

Move exposed person to fresh air.
Keep comfortable for breathing.
Seek medical advice if symptoms develop or persist.

SKIN CONTACT

Remove contaminated clothing.
Wash affected skin thoroughly with soap and plenty of water.
Sultanene may cause skin irritation.
If irritation develops or persists, obtain medical attention.

EYE CONTACT

Rinse cautiously with clean water for several minutes.
Remove contact lenses if present and easy to do.
Continue rinsing.
Seek medical attention if irritation persists.

INGESTION

Rinse mouth.
Do not induce vomiting unless instructed by medical personnel.
Seek medical attention if unwell.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 FLASH POINT

Approx. 67 °C

Symrise directly reports a flash point of approximately 67 °C.

5.2 SUITABLE EXTINGUISHING MEDIA

Use:

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

5.3 SPECIFIC HAZARDS

Combustible liquid.



Keep away from:

- Heat
- Open flames
- Sparks
- Hot surfaces
- Other ignition sources

5.4 HAZARDOUS COMBUSTION PRODUCTS

May include:

- Carbon monoxide
- Carbon dioxide
- Smoke
- Irritating organic fumes

5.5 FIREFIGHTER PROTECTION

Wear suitable protective equipment and self-contained breathing apparatus where necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

- Remove ignition sources.
- Ensure adequate ventilation.
- Avoid skin contact.
- Avoid eye contact.
- Avoid breathing concentrated vapour.
- Wear appropriate gloves and eye protection.

ENVIRONMENTAL PRECAUTIONS

Prevent concentrated product from entering:

- Drains
- Sewers
- Surface waters
- Groundwater
- Soil

CLEANUP METHODS

Contain spill and absorb with:



- Sand
- Vermiculite
- Diatomaceous earth
- Universal chemical absorbent

Transfer to suitable labelled containers for disposal.

SECTION 7: HANDLING AND STORAGE

SAFE HANDLING

- Avoid direct skin contact.
- Avoid eye contact.
- Ensure adequate ventilation.
- Keep away from ignition sources.
- Keep container tightly closed.
- Wear protective gloves during filling.
- Wear appropriate eye protection.
- Wash thoroughly after handling.

STORAGE

Store:

- In a cool, dry location
 - In tightly closed containers
 - In a well-ventilated area
 - Protected from direct sunlight
 - Away from excessive heat
 - Away from ignition sources
 - Away from strong oxidising agents
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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS

Provide adequate general ventilation.

Local exhaust ventilation is recommended where significant vapour or aerosol may be generated.

PERSONAL PROTECTIVE EQUIPMENT

Protection	Recommendation
Eye Protection	Safety glasses / chemical goggles



Protection	Recommendation
Hand Protection	Chemical-resistant protective gloves
Skin Protection	Suitable protective clothing
Respiratory Protection	Organic-vapour protection where ventilation is inadequate
Hygiene	Wash hands thoroughly after handling

Because the available Sultanene SDS classifies the material as Skin Irritation Category 2, gloves should be worn during weighing, decanting and filling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Clear, colourless liquid
Odour	Fruity, pineapple, pear, plum, jackfruit
Molecular Formula	C ₉ H ₁₄ O ₂
Molecular Weight	154.2 g/mol
GC Purity	Minimum 95%
Flash Point	Approx. 67 °C
Boiling Point	200.6 °C
Log P (Kow)	3.6
Chemical Class	Ester
Stabilizer	Yes
Occurrence in Nature	No
Biodegradability	82.8% – readily biodegradable

These values are published directly by Symrise for Sultanene Product 100072.

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY

No hazardous reaction is expected under normal recommended handling and storage conditions.

CHEMICAL STABILITY

Stable under appropriate storage conditions.

Symrise confirms that the commercial material contains a stabilizer.

CONDITIONS TO AVOID

Avoid:

- Excessive heat
- Flames



- Sparks
- Direct sunlight
- Contamination

INCOMPATIBLE MATERIALS

Strong oxidising agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Combustion may generate:

- Carbon monoxide
- Carbon dioxide
- Irritating organic fumes

SECTION 11: TOXICOLOGICAL INFORMATION

SKIN IRRITATION

Available exact-product SDS classification:

Skin Irritation – Category 2

H315 – Causes skin irritation.

LIKELY ROUTES OF EXPOSURE

- Skin contact
- Eye contact
- Inhalation
- Accidental ingestion

Avoid direct undiluted skin exposure.

For definitive numerical toxicological endpoints, the current regional Symrise SDS should be used.

SECTION 12: ECOLOGICAL INFORMATION

BIODEGRADABILITY

Symrise reports:

82.8% – readily biodegradable.

ENVIRONMENTAL PRECAUTIONS



Despite its ready biodegradability, concentrated Sultanene should not be released uncontrolled into:

- Drains
- Surface waters
- Groundwater
- Sewers
- Soil

The current manufacturer SDS should be consulted for complete aquatic toxicity, bioaccumulation and PBT/vPvB data.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of contents through an authorised chemical-waste facility in accordance with applicable local and national regulations.

Do not discharge concentrated product into drains or waterways.

Contaminated packaging should be disposed of in accordance with applicable regulations.

SECTION 14: TRANSPORT INFORMATION

Symrise reports a flash point of approximately **67°C**.

However, flash point alone is insufficient to assign the complete ADR/IMDG/IATA transport classification.

Parameter	Information
UN Number	Refer to current Symrise SDS
Proper Shipping Name	Refer to current Symrise SDS
ADR/RID	Refer to current Symrise SDS
IMDG	Refer to current Symrise SDS
IATA	Refer to current Symrise SDS
Packing Group	Refer to current Symrise SDS
Marine Pollutant	Refer to current Symrise SDS

I would not invent a UN number or packing group without the current Symrise transport Section 14.

SECTION 15: REGULATORY INFORMATION



Relevant regulatory frameworks include:

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

VERIFIED PRODUCT IDENTITY

SULTANENE® – SYMRISE

Product No.: 100072

CAS No.: 15848-49-4

EU REACH: 01-2119948844-24

Symrise's current Aroma Molecules Sales Program independently confirms Sultanene Product 100072 and CAS 15848-49-4.

SECTION 16: OTHER INFORMATION

OLFACTIVE PROFILE

Symrise describes Sultanene as:

Fruity • Pineapple • Pear • Plum • Jackfruit

It is a particularly powerful high-impact tropical fruit material providing:

- Juicy pineapple
- Ripe pear
- Plum
- Jackfruit
- Tropical fruits
- Ripe fruit flesh
- Fruity sweetness
- Natural fruit juiciness
- High-impact top-note diffusion

Symrise describes Sultanene as a top-note booster that enhances the juiciness and fully ripe character of fruits while adding volume to fruity accords and richness to floral compositions.

PERFUMERY APPLICATIONS

Particularly useful for:

- Tropical-fruit accords
- Pineapple



- Pear
- Plum
- Jackfruit
- Strawberry
- Mango/exotic-fruit effects
- White flowers
- Fruity florals
- Oriental/ambery compositions
- Soaps and functional fragrances

RECOMMENDED PERFUMERY USE

Traces up to 1%

This is the Symrise recommended perfumery use level, not an IFRA maximum concentration.

SYMRISE STABILITY DATA

Symrise also publishes representative stability testing at 3 months/40 °C for Sultanene, including:

Application	Tested Dosage
Eau de Toilette	4.0%
Soap	1.2%
AP Roll-On 15% ACH	1.0%
Deostick, Stearate	1.0%
Shampoo / Shower Gel	0.5%
Hair Conditioner	0.4%
Body Lotion	0.3%
Fabric Softener Concentrate	0.6%

These are Symrise stability-test dosages, not recommended-use or IFRA limits.

HAZARD STATEMENTS – FULL TEXT

H227 – Combustible liquid.

H315 – Causes skin irritation.

DISCLAIMER

This is a supplier-style 16-section SDS compiled from official Symrise technical data and available exact-product safety documentation. It is not an original Symrise-issued SDS. The latest regional Symrise SDS should take precedence for formal regulatory submission, workplace hazard communication and dangerous-goods transportation.

Authorised by:

Fozia Khot

Director