



SAFETY DATA SHEET (SDS)

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

CHRYSANTHEME

SECTION 1 – IDENTIFICATION

Product Name: Chrysantheme

Manufacturer: Symrise

Product Number: 600144

CAS Number: 69929-17-5

Chemical Name:

1-(2,4-Dimethylcyclohex-3-en-1-yl)-2,2-dimethylpropan-1-one

Molecular Formula: C₁₃H₂₂O

Molecular Weight: 194.3 g/mol

Chemical Class: Recommended Use: Professional Ketone

I fragrance ingredient / aroma chemical.

Odour Family: Green / Floral

Odour Description: Green, floral, chrysanthemum leaves, grapefruit, fresh, herbaceous, fruity-bitter.

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

Chrysantheme is intended for professional fragrance manufacture.

Potential hazards should be assessed according to the current manufacturer SDS.



General handling precautions:

- Avoid direct contact with eyes.
- Avoid prolonged or repeated skin contact.
- Avoid breathing concentrated vapour.
- Use appropriate protective equipment during bulk handling.
- Prevent uncontrolled environmental release.

Important: The current original Symrise SDS should be used for definitive CLP/GHS classification and transport labelling.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS	Identification
Chrysantheme	69929-17-5	Principal fragrance substance

Chemical Formula: $C_{13}H_{22}O$
Molecular Weight: 194.3 g/mol
Chemical Class: Ketone

The material is a synthetic aroma chemical rather than natural chrysanthemum extract or essential oil.

SECTION 4 – FIRST AID MEASURES

Inhalation:

Move affected person to fresh air. Keep comfortable for breathing. Seek medical attention if symptoms persist.

Skin Contact:

Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation develops.

Eye Contact:

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

Ingestion:

Rinse mouth. Do not induce vomiting unless instructed by medical personnel. Seek medical advice if symptoms develop.

SECTION 5 – FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:



- Alcohol-resistant foam
- Carbon dioxide
- Dry chemical
- Water spray/fog

Flash Point:

Approximately 96°C

Potential combustion products include:

- Carbon monoxide
- Carbon dioxide
- Irritating organic vapours

Firefighters should use appropriate PPE and respiratory protection where required.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

- Ensure adequate ventilation.
 - Avoid skin and eye contact.
 - Wear appropriate gloves and eye protection.
 - Prevent concentrated material from entering drains or waterways.
 - Absorb spill using inert absorbent material.
 - Transfer into suitable labelled waste containers.
 - Dispose according to applicable regulations.
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SECTION 7 – HANDLING AND STORAGE

Handle according to good industrial hygiene practice.

Store:

- In tightly closed containers
- In a cool, dry location
- Protected from direct sunlight
- Away from excessive heat
- Away from incompatible oxidising materials

Avoid unnecessary exposure to air and heat during prolonged storage.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION



Eye Protection: Safety glasses or chemical goggles.

Hand Protection: Suitable chemical-resistant gloves.

Skin Protection: Laboratory coat / suitable work clothing.

Respiratory Protection: Normally not required with adequate ventilation; use appropriate protection if significant vapour or aerosol exposure occurs.

Hygiene: Wash hands after handling. Do not eat, drink or smoke in material-handling areas.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Symrise Data
Appearance	Clear liquid
Colour	Colourless to pale yellow
Odour	Green, floral, chrysanthemum leaves, grapefruit
CAS	69929-17-5
Molecular Formula	C ₁₃ H ₂₂ O
Molecular Weight	194.3 g/mol
Flash Point	Approx. 96 °C
Boiling Point	246 °C
Log P (Kow)	4.15
Chemical Class	Ketone
Stabilizer	None
Occurrence in Nature	No

SECTION 10 – STABILITY AND REACTIVITY

Stable under normal recommended storage and handling conditions.

Avoid:

- Excessive heat
- Open flames
- Strong oxidising agents
- Prolonged high-temperature exposure

Hazardous decomposition during combustion may include carbon oxides and irritating organic vapours.

SECTION 11 – TOXICOLOGICAL INFORMATION



Avoid unnecessary occupational exposure.

Potential routes of exposure include:

- Skin
- Eyes
- Inhalation
- Ingestion

The definitive toxicological classification must be taken from the latest Symrise SDS for Product 600144.

SECTION 12 – ECOLOGICAL INFORMATION

Avoid uncontrolled environmental release.

Because the material has:

Log P = 4.15

concentrated product should not be discharged directly into drains, surface water or soil.

Detailed ecotoxicity, persistence and bioaccumulation information should be taken from the current manufacturer SDS.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose through an authorised chemical-waste contractor.

Do not discharge concentrated material into drains.

Contaminated containers should be appropriately emptied and disposed of or recycled according to applicable regulations.

SECTION 14 – TRANSPORT INFORMATION

Transport status must be confirmed using the current Symrise SDS applicable to the shipping jurisdiction.

Check:

- ADR/RID
- IMDG
- IATA/ICAO
- Local dangerous-goods requirements



Do not assign a UN number without the current manufacturer transport classification.

SECTION 15 – REGULATORY INFORMATION

Relevant regulatory frameworks include:

- REACH Regulation (EC) No. 1907/2006
 - CLP Regulation (EC) No. 1272/2008
 - IFRA Standards
 - Regulation (EC) No. 1223/2009
 - Applicable national chemical legislation
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SECTION 16 – OTHER INFORMATION

Manufacturer: Symrise
Product: Chrysantheme
Product No.: 600144
CAS: 69929-17-5

Symrise recommended perfumery use:

0.05–3%

This is an olfactory-use recommendation and not automatically an IFRA maximum.

Authorised by:
Fozia Khot
Director