



SAFETY DATA SHEET (SDS)

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

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND COMPANY

1.1 Product Identifier

Parameter	Details
Product Name	Orris Butter
Botanical Name	<i>Iris pallida</i> Lam.
INCI Name	Iris Pallida Root Extract
Product Type	Natural Essential Oil / Orris Butter
Plant Part	Aged Rhizomes
CAS Number	8002-73-1
Alternative CAS	90045-90-2
EC Number	289-955-4
Irones Content	Approximately 18% Irones
Extraction Process	Steam distillation, molecular distillation and blending
Physical Form	Pasty solid to semi-solid butter
Country of Origin	France

Commercial high-irone orris butters are produced from aged *Iris pallida* rhizomes and are marketed in grades such as 15%, 18% and 20% irones.

1.2 Relevant Identified Uses

- Professional perfumery
- Fine fragrance
- Cosmetic fragrance ingredient
- Home fragrance
- Soap and detergent fragrance
- Luxury fragrance compositions

1.3 Uses Advised Against

- Internal consumption
- Pharmaceutical use



- Undiluted skin application
- Food or flavour use without appropriate approval

1.4 Supplier

Aromology Trading LLC

G05 Al Ghazal Building
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Dubai, United Arab Emirates

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1.5 Emergency Telephone

Contact local Poison Centre or emergency medical services.

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification

Commercial SDSs for comparable high-iron orris butters classify the material as not classified under Regulation (EC) No. 1272/2008.

Hazard Class	Classification
Physical Hazards	Not classified
Health Hazards	Not classified
Environmental Hazards	Not classified

2.2 Label Elements

No hazard pictogram required.

Signal Word: None

No hazard statements required under CLP.

Precautionary Statements

- P261 Avoid breathing vapours when heated.



- P264 Wash hands thoroughly after handling.
- P280 Wear suitable gloves and eye protection.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water.
- P302+P352 IF ON SKIN: Wash with soap and water.
- P501 Dispose according to local regulations.

2.3 Other Hazards

- May cause mild irritation in sensitive individuals.
- Product becomes liquid upon warming.
- Not identified as PBT or vPvB.
- No known endocrine-disrupting properties.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance

Component	CAS Number	Representative Content
<i>Iris pallida</i> Rhizome Butter	8002-73-1	100%

Representative naturally occurring constituents include:

- α -Irone
- β -Irone
- γ -Irone
- Myristic acid derivatives
- Fatty acid esters
- Long-chain hydrocarbons
- Naturally occurring ketones

Commercial 15–20% grades typically contain approximately 17–23% total irones depending on specification.

SECTION 4: FIRST-AID MEASURES

Inhalation

Move to fresh air.



Seek medical advice if symptoms persist.

Skin Contact

Wash thoroughly with soap and water.

Remove contaminated clothing.

Eye Contact

Flush cautiously with clean water for at least 15 minutes.

Seek medical attention if irritation persists.

Ingestion

Rinse mouth.

Do not induce vomiting.

Obtain medical advice.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media:

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

Hazardous combustion products:

- Carbon monoxide
- Carbon dioxide
- Organic smoke

Wear self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES



- Wear suitable PPE.
 - Prevent environmental release.
 - Scrape or absorb spilled product with inert material.
 - Transfer into suitable waste containers.
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SECTION 7: HANDLING AND STORAGE

Store:

- Between 5–20°C
- Protected from sunlight
- In tightly closed containers
- Away from oxidising agents

If solidified, warm gently before dispensing.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

Normal industrial ventilation.

Eye Protection

Safety goggles.

Hand Protection

Nitrile gloves.

Body Protection

Protective clothing.

Respiratory Protection

Normally not required under adequate ventilation.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Representative Value
Appearance	Yellow pasty solid to semi-solid butter
Odour	Rich powdery, violet, woody, buttery
Physical State	Semi-solid
Relative Density (20 °C)	Approximately 0.93–0.98
Flash Point	>100 °C
Water Solubility	Insoluble
Solubility in Ethanol	Soluble
Irones	Approximately 18%

Commercial high-irone orris butter is described as a yellow pasty material with floral, woody and fatty odour characteristics.

SECTION 10: STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Heat
- Strong oxidising agents
- Prolonged sunlight

Hazardous decomposition products include carbon monoxide, carbon dioxide and organic smoke.

SECTION 11: TOXICOLOGICAL INFORMATION

Available commercial safety data indicate no classification for acute toxicity.

Possible effects following excessive exposure:

- Mild skin irritation
- Mild eye irritation
- Gastrointestinal discomfort after ingestion



No evidence currently indicates carcinogenicity, mutagenicity or reproductive toxicity for the complete natural material.

SECTION 12: ECOLOGICAL INFORMATION

Avoid uncontrolled release into the environment.

Product is:

- Poorly soluble in water
 - Expected to biodegrade naturally
 - Not classified as environmentally hazardous according to available commercial SDSs.
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SECTION 13: DISPOSAL CONSIDERATIONS

Dispose through an authorised chemical-waste contractor.

Do not discharge into drains or waterways.

Dispose of contaminated packaging appropriately.

SECTION 14: TRANSPORT INFORMATION

Item	Status
UN Number	Not regulated
Proper Shipping Name	Not regulated
Transport Class	None
Packing Group	Not applicable
Marine Pollutant	No

Comparable commercial SDSs classify orris butter as **not regulated for transport**.

SECTION 15: REGULATORY INFORMATION



Prepared with reference to:

- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EU) 2020/878
- Regulation (EC) No. 1272/2008 (CLP)
- Cosmetic Regulation (EC) No. 1223/2009
- Current IFRA Standards

SECTION 16: OTHER INFORMATION

Shelf Life

24 months when stored unopened under recommended conditions.

Issue Date

22 July 2026

DISCLAIMER

This Safety Data Sheet has been prepared using representative technical information for Orris Butter 18% Irones. Commercial documentation for comparable 15% and 20% irone grades identifies the material as not classified under CLP and describes it as a natural *Iris pallida* rhizome butter. Analytical values, including irone content, may vary between harvests and production batches and should be confirmed by the original manufacturer's Certificate of Analysis.

AUTHORISED BY

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