# SAFETY DATA SHEET

Revision date: 09-Dec-2024



#### **Revision Number** 2

Section 1: Identification	
Product identifier	
Product Name	ROSE & SAFFRON FAIA00563AB
Product Code(s)	00000026169
Other means of identification	
UN number or ID number	3082
Recommended use of the chemical	and restrictions on use
Recommended use	Fragrances.
Uses advised against	No information available.
Illicit Drug Precursors/Reagents	This product does not contain any substance(s) on the Illicit Drug Precursors/Reagents list.
Details of manufacturer or importer	
Supplier Ixom Operations Pty Ltd (Bronson & Ja	acobs division) - incorporated in Australia

ABN:51 600 546 512 70 Marple Avenue Villawood NSW 2163 Australia

Telephone Number: +61 2 8717 2929 Facsimile: +61 2 9755 9611

#### Emergency telephone number

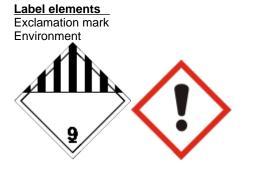
Emergency telephone number 1 800 033 111 (ALL HOURS)

Please ensure you refer to the limitations of this Safety Data Sheet as set out in the "Other Information" section at the end of this Data Sheet.

### Section 2: Hazard identification

Classified as a hazardous substance in accordance with the criteria of Safe Work Australia - Globally Harmonized System (GHS). Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS.

GHS Classification_	
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1
Acute aquatic toxicity	Category 2
Chronic aquatic toxicity	Category 2



Signal word WARNING

#### **Hazard statements**

H315 - Causes skin irritation H317 - May cause an allergic skin reaction H319 - Causes serious eye irritation H411 - Toxic to aquatic life with long lasting effects

#### **Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/clothing and eye/face protection. Avoid release to the environment. **Precautionary Statements - Response** Specific treatment (see First aid on this SDS).

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention. Take off immediately all contaminated clothing and wash it before reuse. Collect spillage. **Precautionary Statements - Storage** No storage statements.

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

#### Other hazards which do not result in classification

### Section 3: Composition and information on ingredients

Chemical name	CAS No.	Weight-%
Naphthalene,	54464-57-2	10-<30
2-acetyl-1,2,3,4,6,7,8-octahydro-2,3,8,8-tetramethyl-		
3-Buten-2-one,	127-51-5	10-<30
3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-		
(Isomethylalphaionone)		
2-Phenyl ethanol	60-12-8	1-<10
Oxacyclohexadecen-2-one	34902-57-3	1-<10
Galaxolide	1222-05-5	1-<10
D,L-Citronellol	106-22-9	1-<10
1,6-Octadien-3-ol, 3,7-dimethyl- (Linalool)	78-70-6	1-<10
Ingredients determined not to be hazardous	-	to 100

# Section 4: First aid measures

#### Description of first aid measures

General advice	For advice, contact a Poisons Information Centre (e.g. phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor.		
Inhalation	Remove to fresh air. (Call a physician if symptoms occur).		
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if symptoms occur.		
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get medical attention immediately if symptoms occur.		
Ingestion	Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Consult a physician if necessary.		
Most important symptoms and effects, both acute and delayed			
Symptoms	Irritating. May cause allergic skin reaction. Redness. Rashes. Hives.		
Effects of Exposure	No information available.		
Indication of any immediate medical attention and special treatment needed			
Note to physicians	May cause sensitization by skin contact. Treat symptomatically.		
Section 5: Firefighting measures			

Suitable Extinguishing Media		
Suitable extinguishing media	Alcohol resistant foam is the preferred firefighting medium but, if it is not available, normal protein foam can be used.	
Unsuitable extinguishing media	No information available.	
Specific hazards arising from the c	hemical	
Specific hazards arising from the chemical	Combustible liquid. On burning will emit toxic fumes, including those of oxides of carbon. In the event of fire, cool tanks with water spray. Environmentally hazardous. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.	
Hazardous combustion products	Oxides of carbon.	
Special protective actions for fire-fighters		
Special protective equipment and precautions for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.	
Hazchem code	•3Z	
Section 6: Accidental release measures		

Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Do not touch or walk through spilled material. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas. Use personal protective equipment as required.		
Other information	Ventilate the area. Refer to protective measures listed in Sections 7 and 8.		
For emergency responders	Shut off ignition sources. Clear area of all unprotected personnel. Use personal protection recommended in Section 8.		
Environmental precautions			
Environmental precautions	Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. See Section 12 for additional Ecological Information.		
Methods and material for containment and cleaning up			
Methods for containment	Stop leak if you can do it without risk. Remove ignition sources. Provide adequate ventilation. Do not touch or walk through spilled material. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.		
Methods for cleaning up	Slippery when spilt. Avoid accidents, clean up immediately. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.		

# Section 7: Handling and storage

#### Precautions for safe handling

Advice on safe handling	Ensure adequate ventilation. Avoid breathing vapors or mists. Avoid contact with skin, eyes or clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Handle in accordance with good industrial hygiene and safety practice. Use according to package label instructions.			
General hygiene considerations	Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Wear suitable gloves and eye/face protection.			
Conditions for safe storage, including any incompatibilities				
Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. Store away from incompatible materials described in Section 10. Keep container closed when not in use.			
	Classified as a C2 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements.			
Incompatible materials	Strong oxidizing agents.			

# Section 8: Exposure controls and personal protection

#### Control parameters

**Exposure Limits** 

No value assigned for this specific material by Safe Work Australia.

Chemical name	European Union	United Kingdom	Germany DFG
2-Phenyl ethanol	-	-	Sk*

60-12-8		

#### Appropriate engineering controls

**Engineering controls** Ensure adequate ventilation, especially in confined areas.

#### Individual protection measures, such as personal protective equipment

The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

#### OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES.

Eye/face protection	Goggles.
Skin and body protection	Wear suitable protective clothing. Boots. Overalls.
Hand protection	Impervious gloves.
Respiratory protection	If determined by a risk assessment an inhalation risk exists, wear an organic vapour respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.
Environmental exposure controls	No information available.
Thermal hazards	No information available.

# Section 9: Physical and chemical properties

#### Information on basic physical and chemical properties

Physical state Appearance Color	Liquid Clear Pale Yellow to Yellow	
Odor Odor threshold	Floral , Spicy , Leather , Woody , Mus No information available	К
Odor threshold		
Property_	Values	Remarks • Method
pH	No data available	None known
pH (as aqueous solution)	No data available	None known
Melting point / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash point	111 °C	CC (closed cup)
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability or explosive	No data available	
limits		
Lower flammability or explosive	No data available	
limits Vapor processo	No data available	None known
Vapor pressure		
Vapor density	No data available	None known
Relative density	0.976 - 0.996 @ 20°C	None known

Water solubility	No
Solubility(ies)	No
Partition coefficient	No
Autoignition temperature	No
Decomposition temperature	No
Kinematic viscosity	No
Dynamic viscosity	No

No data available None known None known None known None known None known None known

Other information

# Section 10: Stability and reactivity

Reactivity		
Reactivity	No information available.	
Chemical stability		
Stability	Stable under normal conditions.	
Explosion data Sensitivity to mechanical impact Sensitivity to static discharge	None. Yes.	
Possibility of hazardous reactions		
Possibility of hazardous reactions	None under normal processing.	
Conditions to avoid		
Conditions to avoid	Heat, flames and sparks. static discharge (electrostatic discharge). Direct sunlight.	
Incompatible materials		
Incompatible materials	Strong oxidizing agents.	
Hazardous decomposition products		
Hazardava daaamnaaitian nraduata	Ovideo of earbon	

Hazardous decomposition products Oxides of carbon.

# Section 11: Toxicological information

### Information on likely routes of exposure

Product Information	No adverse health effects expected if the chemical is handled in accordance with this Safety Data Sheet and the chemical label. Symptoms or effects that may arise if the chemical is mishandled and overexposure occurs are:
Inhalation	May cause irritation.
Eye contact	Causes serious eye irritation.
Skin contact	Causes skin irritation. May cause sensitization by skin contact.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Symptoms	Irritating. May cause allergic skin reaction. Redness. Rashes. Hives.
Acute toxicity	

### Numerical measures of toxicity - Product Information

No information available

#### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
3-Buten-2-one,	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-
3-methyl-4-(2,6,6-trimethyl-2-cyclohex			
en-1-yl)-			
(Isomethylalphaionone)			
2-Phenyl ethanol	= 1609 mg/kg (Rat)	= 2535 mg/kg (Rabbit)	> 4.63 mg/L (Rat)4 h
Galaxolide	> 3250 mg/kg (Rat)	> 3250 mg/kg (Rabbit)	> 5.04 mg/L (Rat)4 h
D,L-Citronellol	= 3450 mg/kg (Rat)	= 2650 mg/kg (Rabbit)	-
1,6-Octadien-3-ol, 3,7-dimethyl-	= 2790 mg/kg (Rat)	= 5610 mg/kg (Rabbit)	-
(Linalool)			

See section 16 for terms and abbreviations

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	Causes skin irritation. Classification is based on mixture calculation methods based on component data.	
Serious eye damage/eye irritation	Causes serious eye irritation. Classification is based on mixture calculation methods based on component data.	
Respiratory or skin sensitization	May cause sensitization by skin contact. Classification is based on mixture calculation methods based on component data.	
Germ cell mutagenicity	No information available.	
Carcinogenicity		
The table below indicates whether each agency has listed any ingredient as a carcinogen.		
Reproductive toxicity	No information available.	
STOT - single exposure	No information available.	
STOT - repeated exposure	No information available.	

Aspiration hazard No information available.

# Section 12: Ecological information

#### **Ecotoxicity**

#### Aquatic ecotoxicity

Avoid contaminating waterways. Toxic to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Naphthalene, 2-acetyl-1,2,3,4,6,7,8-octahydro -2,3,8,8-tetramethyl-		LC50 (96 h) - Lepomis macrochirus - 1.3 mg/L NOEC (30 days) - Danio rerio - 0.16 mg/L (1)	-	EC50 (48 h) - Daphnia magna - 1.38 mg/L NOEC (21 days) - Daphnia magna – 0.044 mg/L(1)
2-Phenyl ethanol	EC50: =490mg/L (72h, Desmodesmus subspicatus)	-	-	EC50: =287.17mg/L (48h, Daphnia magna)
1,6-Octadien-3-ol, 3,7-dimethyl- (Linalool)	EC50: =88.3mg/L (96h, Desmodesmus subspicatus)	LC50: =27.8mg/L (96h, Oncorhynchus mykiss)	-	EC50: =20mg/L (48h, Daphnia magna)

Terrestrial ecotoxicity There is no data for this product.

#### Persistence and degradability

Persistence and degradability No information available.

#### **Bioaccumulative potential**

Bioaccumulation

There is no data for this product.

#### **Component Information**

Chemical name	Partition coefficient
Naphthalene, 2-acetyl-1,2,3,4,6,7,8-octahydro-2,3,8,8-tetramethyl-	5.7
3-Buten-2-one, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-	4.288
(Isomethylalphaionone)	
2-Phenyl ethanol	1.36
Galaxolide	5.3
D,L-Citronellol	3.41
1,6-Octadien-3-ol, 3,7-dimethyl- (Linalool)	2.9

#### **Mobility**

Mobility

No information available.

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Other adverse effects
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Other adverse effects

No information available.

# Section 13: Disposal considerations

#### Waste treatment methods

Waste from residues/unused	Should not be released into the environment. Dispose of in accordance with local
products	regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging	Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

See section 8 for more information

Section 14: Transport information		
ADG	Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS.	
UN number or ID number Proper shipping name	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ETHANONE,1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHALENYL )-, GALAXOLIDE)	
Transport hazard class(es) Packing group Environmental hazard Hazchem code	9 III Yes •3Z	
IATA_	Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; DANGEROUS GOODS.	
UN number UN proper shipping name Transport hazard class(es)	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ETHANONE,1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHALENYL )-, GALAXOLIDE) 9	
Packing group	111	
IMDG	Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; DANGEROUS GOODS.	
UN number UN proper shipping name	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ETHANONE,1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHALENYL )-, GALAXOLIDE)	
Transport hazard class(es) Packing group IMDG EMS Fire IMDG EMS Spill	9 9 111 F-A S-F	

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No information available

# Section 15: Regulatory information

#### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### National regulations

#### <u>Australia</u>

Classified as a hazardous substance in accordance with the criteria of Safe Work Australia - Globally Harmonized System (GHS). Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS.

See section 8 for national exposure control parameters

#### Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

No poisons schedule number allocated Poison Schedule Number Not applicable

#### Australian Industrial Chemicals Introduction Scheme (AICIS)

Chemical name	Australian Industrial Chemicals Introduction Scheme (AICIS)	Additional information
Naphthalene, 2-acetyl-1,2,3,4,6,7,8-octahydro-2,3,8, 8-tetramethyl 54464-57-2	Present	-
3-Buten-2-one, 3-methyl-4-(2,6,6-trimethyl-2-cyclohex en-1-yl)- (Isomethylalphaionone) - 127-51-5	Present	-
2-Phenyl ethanol - 60-12-8	Present	-
Oxacyclohexadecen-2-one - 34902-57-3	Present	Specific information requirement: Obligations to provide information apply. You must tell us within 28 days if the circumstances of your importation or manufacture (introduction) are different to those in our assessment.
Galaxolide - 1222-05-5	Present	-
D,L-Citronellol - 106-22-9	Present	-
1,6-Octadien-3-ol, 3,7-dimethyl- (Linalool) - 78-70-6	Present	-
Ingredients determined not to be hazardous	Present	-

#### Illicit Drug Precursors/Reagents

This product does not contain any substance(s) on the Illicit Drug Precursors/Reagents list.

International Inventories		
AIIC	All the constituents of this material are listed on the Australian Inventory of Industrial	
	Chemicals.	
NZIOC	Contact supplier for inventory compliance status.	
TSCA	Contact supplier for inventory compliance status.	
DSL/NDSL	Contact supplier for inventory compliance status.	
EINECS/ELINCS	Contact supplier for inventory compliance status.	
ENCS	Contact supplier for inventory compliance status.	
IECSC	Contact supplier for inventory compliance status.	
KECL	Contact supplier for inventory compliance status.	
PICCS	Contact supplier for inventory compliance status.	
Legend:		
AllC- Australian Inventory of Indu	strial Chemicals	
NZIOC - New Zealand Inventory of Chemicals		
<b>TSCA</b> - United States Toxic Substances Control Act Section 8(b) Inventory		
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List		
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances		
ENCS - Japan Existing and New Chemical Substances		
IECSC - China Inventory of Existing Chemical Substances		
<b>KECL</b> - Korean Existing and Evaluated Chemical Substances		
<b>PICCS</b> Debilinging Investory of Chamicals and Chamical Substances		

#### International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

#### Section 16: Other information

Reason(s) For Issue:	5 Yearly Revised Primary SDS Change in Formulation
Prepared By	This Safety Data Sheet has been prepared by IXOM Operations Pty Ltd (Toxicology and SDS Services).
Revision date:	09-Dec-2024

#### **Revision Note:**

The symbol (\*) in the margin of this SDS indicates that this line has been revised.

#### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Legend

SVHC: Substances of Very High Concern for Authorization: PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances STOT: Specific Target Organ Toxicity ATE: Acute Toxicity Estimate LC50: 50% Lethal Concentration LD50: 50% Lethal Dose

#### Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
С	Carcinogen		

Key literature references and sources for data used to compile the SDS Agency for Toxic Substances and Disease Registry (ATSDR) U.S. Environmental Protection Agency ChemView Database European Food Safety Authority (EFSA) **Environmental Protection Agency** Acute Exposure Guideline Level(s) (AEGL(s)) U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act U.S. Environmental Protection Agency High Production Volume Chemicals Food Research Journal Hazardous Substance Database International Uniform Chemical Information Database (IUCLID) National Institute of Technology and Evaluation (NITE) Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS) Australian Industrial Chemicals Introduction Scheme (AICIS) NIOSH (National Institute for Occupational Safety and Health) National Library of Medicine's ChemID Plus (NLM CIP) National Library of Medicine's PubMed database (NLM PUBMED) U.S. National Toxicology Program (NTP) New Zealand's Chemical Classification and Information Database (CCID) Organization for Economic Co-operation and Development Environment, Health, and Safety Publications Organization for Economic Co-operation and Development High Production Volume Chemicals Program Organization for Economic Co-operation and Development Screening Information Data Set World Health Organization

#### **Disclaimer**

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Ixom Operations Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their Bronson & Jacobs representative or Ixom Operations Pty Ltd at the contact details on page 1.

Ixom Operations Pty Ltd's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.

Bronson and Jacobs incorporating the businesses of Woods and Woods and Keith Harris and Australian Botanical Products.

End of Safety Data Sheet