

# Safety Data Sheet



## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** OIL OF ROSE FRENCH

**Recommended Use of the Chemical and Restrictions on Use** Aromatic ingredient.

**Supplier:** Ixom Operations Pty Ltd (Bronson & Jacobs division) - incorporated in Australia  
**Street Address:** 166 Totara Street  
Mt Maunganui South  
New Zealand

**Telephone Number:** +64 9 309 2528  
**Facsimile:** +64 9 0508 366 364  
**Emergency Telephone:** 0 800 734 607 (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.

## 2. HAZARDS IDENTIFICATION

Classified as a Dangerous Good according to NZS 5433:2012 Transport of Dangerous Goods on Land.

Classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Notice 2017 and the Hazardous Substances (Classification) Notice 2017.

**SIGNAL WORD:** DANGER

### Subclasses:

- Subclass 3.1 Category C (medium hazard) - Flammable Liquids.
- Subclass 6.1 Category E - Substances which are acutely toxic.
- Subclass 6.3 Category A - Substances that are irritating to the skin.
- Subclass 6.5 Category B - Substances that are contact sensitisers.
- Subclass 6.8 Category B - Substances that are suspected human reproductive or developmental toxicants.
- Subclass 6.9 Category B - Substances that are harmful to human target organs or systems.
- Subclass 8.3 Category A - Substances that are corrosive to ocular tissue.
- Subclass 9.1 Category B - Substances that are ecotoxic in the aquatic environment.
- Subclass 9.3 Category C - Substances that are harmful to terrestrial vertebrates.

Food Additives and Fragrance Materials (Flammable) Group Standard 2017  
Approval Number: HSR002576



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## Hazard Statement(s):

H226 Flammable liquid and vapour.  
H303+H313 May be harmful if swallowed or in contact with skin.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H361 Suspected of damaging fertility or the unborn child.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H411 Toxic to aquatic life with long lasting effects.  
H433 Harmful to terrestrial vertebrates.

## Precautionary Statement(s):

### Prevention:

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical/ventilating/lighting equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P260 Do not breathe mist/vapours/spray.  
P264 Wash hands thoroughly after handling.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P281 Use personal protective equipment as required.

### Response:

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER or doctor/physician.  
P314 Get medical advice/attention if you feel unwell.  
P308+P313 IF exposed or concerned: Get medical advice/attention.  
P321 Specific treatment (see First Aid Measures on the Safety Data Sheet).  
P362 Take off contaminated clothing before re-use.  
P363 Wash contaminated clothing before re-use.  
P370 In case of fire:  
P378 Use normal foam, dry agent (carbon dioxide, dry chemical powder) for extinction.  
P391 Collect spillage.

### Storage:

P403+P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.

### Disposal:

P501 In case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Notice 2017. This may also include any method of disposal that must be avoided.

## 3. COMPOSITION AND INFORMATION ON INGREDIENTS

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Components	CAS Number	Proportion	Hazard Codes
D,L-Citronellol	106-22-9	40-50%	H303, H313, H315, H317, H319, H401
2,6-Octadien-1-ol, 3,7-dimethyl-, (E)- (Geraniol)	106-24-1	10-20%	H303, H315, H317, H318, H401
2,6-Octadien-1-ol, 3,7-dimethyl-, (Z)- (Nerol)	106-25-2	5-10%	H303, H315, H317, H319, H402
Ethyl alcohol	64-17-5	5-10%	H225
Citral	5392-40-5	1-5%	H315 H317 H401
2-Phenyl ethanol	60-12-8	1-5%	H302, H313, H316, H319
Alpha Pinene	80-56-8	0.1-1%	H226, H304, H303, H315, H317, H401, H411
Eugenol	97-53-0	0.1-1%	H303, H316, H317, H319, H401
2H-Pyran, tetrahydro-4-methyl-2-(2-methyl-1-propenyl)-	16409-43-1	0.1-1%	H227, H303, H315, H319, H361, H402
1,6-Octadien-3-ol, 3,7-dimethyl- (Linalool)	78-70-6	0.1-1%	H227 H303 H315 H317 H319 H402

## 4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

### Inhalation:

Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

### Skin Contact:

If skin or hair contact occurs, immediately remove any contaminated clothing and wash skin and hair thoroughly with running water and soap. If swelling, redness, blistering or irritation occurs seek medical assistance.

### Eye Contact:

Immediately wash in and around the eye area with large amounts of water for at least 15 minutes. Eyelids to be held apart. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport promptly to hospital or medical centre. Continue to wash with large amounts of water until medical help is available.

### Ingestion:

Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical advice.

### Indication of immediate medical attention and special treatment needed:

Treat symptomatically. Can cause corneal burns.

## 5. FIRE FIGHTING MEASURES

### Suitable Extinguishing Media:

Normal foam, dry agent (carbon dioxide, dry chemical powder).

**Hazchem or Emergency Action Code:** 3Y

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## Specific hazards arising from the chemical:

Flammable liquid. On burning will emit toxic fumes, including those of oxides of carbon.

## Special protective equipment and precautions for fire-fighters:

Heating can cause expansion or decomposition of the material, which can lead to the containers exploding. If safe to do so, remove containers from the path of fire. Keep containers cool with water spray. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

## 6. ACCIDENTAL RELEASE MEASURES

### Emergency procedures/Environmental precautions:

Shut off all possible sources of ignition. Clear area of all unprotected personnel. Increase ventilation. If contamination of sewers or waterways has occurred advise local emergency services.

### Personal precautions/Protective equipment/Methods and materials for containment and cleaning up:

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

## 7. HANDLING AND STORAGE

### Precautions for safe handling:

Avoid skin and eye contact and breathing in vapour, mists and aerosols. May form flammable vapour mixtures with air. Vapour may travel a considerable distance to source of ignition and flash back. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc) must be eliminated both in and near the work area. Do NOT smoke. Take precautionary measures against static discharges.

**Conditions for safe storage, including any incompatibilities:** Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from sources of heat or ignition. Protect from air. Protect from light. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Workplace Exposure Standards:** No value assigned for this specific material by the New Zealand Workplace Health & Safety Authority. However, Workplace Exposure Standard(s) for constituent(s):

Ethyl alcohol: WES-TWA 1,000 ppm, 1,880 mg/m<sup>3</sup>

As published by the New Zealand Workplace Health & Safety Authority.

WES - TWA (Workplace Exposure Standard - Time Weighted Average) - The eight-hour, time-weighted average exposure standard is designed to protect the worker from the effects of long-term exposure.

These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These workplace exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

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## Appropriate engineering controls:

Ensure ventilation is adequate to maintain air concentrations below Workplace Exposure Standards. Keep containers closed when not in use.

If in the handling and application of this material, safe exposure levels could be exceeded, the use of engineering controls such as local exhaust ventilation must be considered and the results documented. If achieving safe exposure levels does not require engineering controls, then a detailed and documented risk assessment using the relevant Personal Protective Equipment (PPE) (refer to PPE section below) as a basis must be carried out to determine the minimum PPE requirements.

## Individual protection measures, such as Personal Protective Equipment (PPE):

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.



Wear overalls, chemical goggles and impervious gloves. If determined by a risk assessment an inhalation risk exists, wear an organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid
<b>Colour:</b>	Colourless to Pale Yellow
<b>Odour:</b>	Characteristic
<b>Odour Threshold:</b>	Not available
<b>Specific Gravity:</b>	0.852 - 0.867 @ 20°C
<b>Relative Vapour Density (air=1):</b>	Not available
<b>Vapour Pressure (20 °C):</b>	Not available
<b>Flash Point (°C):</b>	48
<b>Flammability Limits (%):</b>	Not available
<b>Autoignition Temperature (°C):</b>	Not available
<b>Solubility in water (g/L):</b>	Not available
<b>Melting Point/Range (°C):</b>	Not available
<b>Boiling Point/Range (°C):</b>	Not available
<b>Decomposition Point (°C):</b>	Not available
<b>pH:</b>	Not available
<b>Viscosity:</b>	Not available
<b>Partition Coefficient:</b>	Not available

## 10. STABILITY AND REACTIVITY

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<b>Reactivity:</b>	No information available.
<b>Chemical stability:</b>	Stable under normal conditions of use.
<b>Possibility of hazardous reactions:</b>	Heating can cause expansion or decomposition of the material, which can lead to the containers exploding. Hazardous polymerisation will not occur.
<b>Conditions to avoid:</b>	Avoid exposure to heat, sources of ignition, and open flame. Avoid exposure to air. Avoid exposure to direct sunlight.
<b>Incompatible materials:</b>	Incompatible with strong oxidising agents.
<b>Hazardous decomposition products:</b>	Oxides of carbon.

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

<b>Ingestion:</b>	Swallowing can result in nausea, vomiting, diarrhoea, and abdominal pain.
<b>Eye contact:</b>	A severe eye irritant. Contamination of eyes can result in permanent injury.
<b>Skin contact:</b>	Contact with skin will result in irritation. A skin sensitiser. Repeated or prolonged skin contact may lead to allergic contact dermatitis.
<b>Inhalation:</b>	Breathing in vapour, mists or aerosols may produce respiratory irritation.
<b>Acute toxicity:</b>	No LD50 data available for the product.
<b>Skin corrosion/irritation:</b>	Irritant.
<b>Serious eye damage/irritation:</b>	Causes serious eye damage.
<b>Respiratory or skin sensitisation:</b>	A skin sensitiser.

**Chronic effects:** No information available for the product.

<b>Mutagenicity:</b>	No information available.
<b>Carcinogenicity:</b>	No information available.
<b>Reproductive toxicity:</b>	Suspected of damaging fertility or the unborn child.
<b>Specific Target Organ Toxicity (STOT) - single exposure:</b>	No information available.
<b>Specific Target Organ Toxicity (STOT) - repeated exposure:</b>	May cause damage to organs through prolonged or repeated exposure.
<b>Aspiration hazard:</b>	Not classified.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Avoid contaminating waterways.
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<b>Persistence/degradability:</b>	No information available.
<b>Bioaccumulative potential:</b>	No information available.
<b>Mobility in soil:</b>	No information available.
<b>Aquatic toxicity:</b>	Toxic to aquatic organisms. May cause long lasting harmful effects to aquatic life.
<b>Terrestrial toxicity:</b>	Harmful to terrestrial vertebrates.

## 13. DISPOSAL CONSIDERATIONS

### Disposal methods:

Refer to local government authority for disposal recommendations. Dispose of contents/container in accordance with local/regional/national/international regulations. Advise flammable nature. Normally suitable for incineration by an approved agent.

## 14. TRANSPORT INFORMATION

### Road and Rail Transport

Classified as a Dangerous Good according to NZS 5433:2012 Transport of Dangerous Goods on Land.



<b>UN No:</b>	1197
<b>Transport Hazard Class:</b>	3 Flammable Liquid
<b>Packing Group:</b>	III
<b>Proper Shipping Name or Technical Name:</b>	EXTRACTS, FLAVOURING, LIQUID
<b>Hazchem or Emergency Action Code:</b>	3Y

### Marine Transport

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; DANGEROUS GOODS.

<b>UN No:</b>	1197
<b>Transport Hazard Class:</b>	3 Flammable Liquid
<b>Packing Group:</b>	III
<b>Proper Shipping Name or Technical Name:</b>	EXTRACTS, FLAVOURING, LIQUID
<b>IMDG EMS Fire:</b>	F-E
<b>IMDG EMS Spill:</b>	S-D

### Air Transport

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; DANGEROUS GOODS.

<b>UN No:</b>	1197
<i>Product Name:</i>	<i>OIL OF ROSE FRENCH</i>
<i>Substance No:</i>	<i>000000033072</i>

*Issued: 18/03/2019*  
*Version: 4*



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**Transport Hazard Class:** 3 Flammable Liquid  
**Packing Group:** III  
**Proper Shipping Name or Technical Name:** EXTRACTS, FLAVOURING, LIQUID

## 15. REGULATORY INFORMATION

### Classification:

Classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Notice 2017 and the Hazardous Substances (Classification) Notice 2017.

### Subclasses:

Subclass 3.1 Category C (medium hazard) - Flammable Liquids.  
Subclass 6.1 Category E - Substances which are acutely toxic.  
Subclass 6.3 Category A - Substances that are irritating to the skin.  
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Subclass 6.8 Category B - Substances that are suspected human reproductive or developmental toxicants.  
Subclass 6.9 Category B - Substances that are harmful to human target organs or systems.  
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H361 Suspected of damaging fertility or the unborn child.  
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H433 Harmful to terrestrial vertebrates.

## 16. OTHER INFORMATION

This safety data sheet has been prepared by Ixom Operations Pty Ltd (Toxicology & SDS Services).

### Reason(s) for Issue:

5 Yearly Revised Primary SDS  
Change in Hazardous Chemical Classification  
Alignment to NZ EPA requirements  
Updated Formulation  
Update in Toxicological Information



# Safety Data Sheet



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.