

Material Safety Data Sheet

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Rose Oxide
Chemical Name Rose Oxide
CAS No. 16409-43-1
Molecular Formula C₁₀H₁₈O
Molecular Weight 154.25 g/mol
Product Type Aroma Chemical / Fragrance Ingredient
Recommended Uses Perfumery, fragrances, cosmetics and home-fragrance formulations
Origin: India
Supplier: Botanic Planet Canada Inc.
Address: 2 Bram Crt Unit # 3-4 Brampton, Ontario, Canada
Telephone number: 905-455-4444
Emergency phone number (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

SECTION 2 – HAZARD IDENTIFICATION

GHS Classification

Skin Irritation – Category 2
Serious Eye Damage – Category 1
Skin Sensitization – Category 1

Signal Word

DANGER



H315 – Causes skin irritation.

H317 – May cause an allergic skin reaction.

H318 – Causes serious eye damage.

Precautionary Statements

P261 – Avoid breathing mist/vapours/spray.

P264 – Wash thoroughly after handling.

P272 – Contaminated work clothing should not be allowed out of the workplace.

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

P302+P352 – IF ON SKIN: Wash with plenty of 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 CENTRE/doctor

3. Composition / Information on Ingredients

Ingredient	CAS No.	Concentration
Rose Oxide	16409-43-1	≥95%

4. First-Aid Measures

Eye Contact: Immediately 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.

Skin Contact: Remove contaminated clothing. Wash affected skin thoroughly with soap and water. Seek medical attention if irritation or allergic reaction develops.

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

Ingestion: Rinse mouth. Do not induce vomiting unless instructed by medical personnel. Contact a physician or poison centre if a significant amount has been swallowed.

5. Fire-Fighting Measures

Suitable Extinguishing Media: Carbon dioxide (CO₂), dry chemical, foam or water fog.

Specific Hazards: Combustible organic material. Vapors may ignite when exposed to sufficient heat or an ignition source.

Thermal decomposition may produce carbon monoxide and carbon dioxide.

Firefighters should wear appropriate protective equipment and self-contained breathing apparatus where necessary.

6. Accidental Release Measures

Ensure adequate ventilation. Keep unnecessary personnel away from the spill area.

Avoid contact with skin and eyes. Remove potential ignition sources.

Absorb spilled material with sand, vermiculite, earth or another suitable inert absorbent. Transfer into an appropriate container for disposal.

Prevent large quantities from entering drains, waterways or soil.

7. Handling and Storage

Handling: Avoid contact with skin and eyes. Avoid breathing concentrated vapors. Use with adequate ventilation. Keep away from excessive heat, sparks and open flames.

Storage: Store in tightly closed containers in a cool, dry and well-ventilated area. Protect from direct sunlight and excessive heat.

Keep away from incompatible materials, particularly strong oxidizing agents.

8. Exposure Controls / Personal Protection

No specific occupational exposure limit has been established for this material in this draft.

Eye Protection: Safety glasses or chemical goggles.

Hand Protection: Chemical-resistant protective gloves.

Skin Protection: Appropriate protective clothing where repeated contact is possible.

Respiratory Protection: Normally not required with adequate ventilation. Use suitable respiratory protection if significant vapor concentrations develop.

9. Physical and Chemical Properties

Property	Information
Physical State	Liquid
Appearance	Clear, colorless to pale yellow
Odor	Powerful rose, green, floral, slightly metallic
Molecular Formula	$C_{10}H_{18}O$
Molecular Weight	154.25 g/mol
Specific Gravity @ 20°C	Approx. 0.945–0.965*
Refractive Index @ 20°C	Approx. 1.450–1.465*
Water Solubility	Insoluble / practically insoluble
Solubility in Alcohol	Soluble

Property	Information
Boiling Point	Not established for this grade
Flash Point	Supplier-specific – verify SDS
Vapor Pressure	Data not established

10. Stability and Reactivity

Chemical Stability: Stable under recommended handling and storage conditions.

Conditions to Avoid: Excessive heat, flames, sparks, prolonged exposure to air and direct sunlight.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide and other irritating fumes may be produced during combustion.

Hazardous Polymerization: Not expected under normal conditions.

11. Toxicological Information

Routes of Exposure: Skin contact, eye contact, inhalation and ingestion.

Skin: May cause irritation. May cause an allergic skin reaction in susceptible individuals.

Eyes: May cause irritation.

Inhalation: Concentrated vapor may cause irritation or discomfort.

Ingestion: May cause gastrointestinal discomfort. Avoid ingestion.

Sensitization: Potential skin sensitization hazard.

12. Ecological Information

Detailed ecological data for the exact commercial Rose Oxide grade have not been established in this draft.

Avoid uncontrolled release into the environment. Do not discharge concentrated material into drains, surface water or soil.

Aquatic-hazard classification should be taken from the exact supplier SDS.

13. Disposal Considerations

Dispose of contents and contaminated packaging according to applicable municipal, provincial and federal regulations.

Do not dispose of concentrated product into drains or waterways.

14. Transport Information

Transport classification is supplier- and grade-dependent and should be confirmed from the current manufacturer SDS before shipment.

Transport Information Status

UN Number	Verify supplier SDS
TDG Classification	Verify supplier SDS
IATA Classification	Verify supplier SDS
IMDG Classification	Verify supplier SDS
Packing Group	Verify supplier SDS

15. Regulatory Information

Rose Oxide is intended for use as a fragrance/aroma chemical. The purchaser or formulator is responsible for ensuring that the material and finished product comply with applicable WHMIS, cosmetic, fragrance, environmental and transportation requirements in the intended market. Use in fragrance formulations should also be evaluated against the applicable current IFRA Standards.

16. Other Information

Product: Rose Oxide

CAS No.: 16409-43-1

This product is a 100% pure and natural. It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge and specifications. The analysis and statements herein constitute the most complete information available to Botanic Planet Canada Inc. Please refer to all relevant technical information specific to the product, prior to use. This information contained in this material safety Data sheet is obtained from current and reliable sources. As an ordinary or otherwise user(s) of this product is outside the control of Botanic Planet Canada Inc., no representation or warranty, expressed or implied is made as to the effect(s) of such use (s) (including damages or injury) or any obtained. Botanic Planet Canada Inc. expressly disclaims responsibility as to the ordinary or otherwise uses. Furthermore, Botanic Planet Canada Inc. makes no claims as to the fitness for any use, and you should consider nothing contained herein as a recommendation. The Liability of botanic Planet Canada Inc. is limited to the value of the goods and does not include any consequential loss. In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario Canada.

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