



MATERIAL SAFETY DATA SHEET

SECTION: 1.1 PRODUCT IDENTIFICATION

Product Name: Ruby Grapefruit Fragrant Oil
Product Use: Fragrance
Country of Origin: USA

SECTION: 1.2 COMPANY IDENTIFICATION

Company: Saffire Blue Inc.
1444 Bell Mill Road
Tillsonburg, ON N4G4G9 Canada
Tel: 519-286-0295

24 HOUR EMERGENCY TELEPHONE NUMBER: (613)-996-6666 CANUTEC

SECTION: 2. COMPOSITION / INFORMATION INGREDIENTS

Table with 4 columns: Chemical Name, CAS Number, EINECS Number, Proportions [%w/w]. Row 1: Fragrance- Proprietary mixture, Not allotted, Not allotted, 100%

This material is a proprietary mixture of aroma chemicals, essential oils and natural extracts which are considered by the manufacturer to be trade secrets and are withheld with the provision of section 1910.1200 of Title 29 of the Code of Federal Regulation.

SECTION: 3. HAZARDS IDENTIFICATION

The composition of this product is classified as a trade secret in accordance with CFR 29.1910.1200. This is a Product for which no health hazard data exists. The hazards communication standard requires that such mixtures be assumed to present the same health hazards as do components that constitute at least 1% of the mixture (0.1% for carcinogens) although OSHA has noted that the hazards of individual components may be altered by including them in the mixture.

WARNING: Odor counteractants / neutralizers must not be used to conceal any hazardous or dangerous vapors or conditions. Where these dangers exists appropriate warning (material safety data sheets, warning labels) must be given to those who come in contact with these products.

EU Classification: (1999/45/EC): Xi- Irritant
EU Risk / Safety Phrase: R36/37/38, R43, S24, S26, S28
Canadian WHMIS Classification: N/A

SECTION: 4. FIRST AID MEASURES

Eye Contact: Contact with eyes can produce burning sensation. Irrigate with water immediately, continue flushing eyes with water for 15 minutes. Seek medical attention if irritation persists.
Inhalation: Remove to fresh air. Give oxygen if breathing is labored and seek medical advice. Avoid casual breathing. Signs of over exposure are dizziness and nausea.
Ingestion: Rinse mouth; dilute with milk or water and consult a physician immediately. Do not induce vomiting. Never-give anything by mouth if victim is unconscious, is rapidly-losing or is convulsing.



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Skin Contact: Skin contact can produce irritation, or itching of the skin. Remove contaminated clothing. Wash with soap and plenty of water. Seek medical attention if irritation persists.

SECTION: 5. FIRE FIGHTING MEASURES

Flash Point: Greater than 93°C [Closed Cup]
Extinguishing media: Carbon Dioxide, dry chemical or foam.
Do not use direct water jet on burning material.
Special Procedures: Determine the need to evacuate or isolate the area according to your local emergency plan.
Unusual Firefighting Hazards: None identified.
Protective Equipment: Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving oils or chemicals.
Combustion Product: Carbon Monoxide, Carbon Dioxide

SECTION: 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use of self-contained breathing apparatus is recommended for any major chemical spill. Refer also to section 8.
Safety Precautions: Eliminate all ignition sources. Ventilate area. Determine the need to Evacuate or isolate the area according to your local emergency plan.
Environmental Precautions: Keep away from drains, surface and ground water. Report spills to appropriate Authorities if required.
Methods For Cleaning Up: Contain and collect with inert absorbent material and place in suitable container for disposal. Comply with all federal, state, and local regulation. Wipe small spills with cloth. Clean with hot water and detergent.

SECTION: 7. HANDLING AND STORAGE

Handling: Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before re-use.
Storage: Containers should be kept closed in order to minimize contamination. Store in a cool, dry, well ventilated place protected from light. Keep from extreme heat and from freezing conditions and away from all sources of ignition. Make sure the material does not come into contact with substances listed as: "Materials to Avoid".

SECTION: 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eyes Protection: The use of safety glasses is recommended. If a material is to be handled in a manner where splashing may occur, the use of splash goggles or face shield is recommended
Respiratory Protection: In well- ventilated areas, respiratory protection is not normally required. In confined, poorly ventilated areas the use of "NIOSH" approved respiratory protection normally required (use only if trained in proper use and with acceptable oxygen level).
Protective Gloves: Using chemical resistant gloves is recommended.
Protective Clothing: Using chemical resistant clothing is recommended.



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Protective Equipment: An eyewash fountain and / or safety shower should be available in the work area. Acceptable industrial hygiene practices should be maintained.

SECTION: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, liquid, Very light to medium amber orange color
Odor: Characteristic Citrus Ruby Red Grapefruit odor.
Solubility: Soluble in ethyl alcohol, insoluble in water
Specific Gravity: 0.826 - 0.876 @ 20°C
Refractive Index: 1.447 – 1.497 @ 20°C
pH: Not Available
Melting Point: Not Available
Boiling Point: Not Available
Vapor Pressure: Not Available
Vapor Density (air= 1): >1
Volatile Organic Carbon Compound: Air freshener whose VOC constituents consist of 100% fragrance are not subjected to the EPA or CARB Emission for consumer products.

SECTION: 10. STABILITY AND REACTIVITY

Stability: Chemically stable, non hazardous material.
This material presents no significant reactivity hazard.
Conditions to Avoid: Avoid sparks, flame and excessive heat.
Materials to Avoid: Strong oxidizing agents.
Hazardous Polymerization: Will not occur.
Hazardous Combustion or Decomposition Products: None known.

SECTION: 11. TOXICOLOGICAL INFORMATION

Inhalation: Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.
Skin Contact: Repeated or prolonged contact can cause redness, irritation and scaling of skin (Dermatitis). Adverse skin effects should be prevented by normal care and personal hygiene.
Eye Contact: May irritate eyes.
Ingestion: Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting.
Medical Conditions Aggravated by Exposure: May aggravate dermatitis, psoriasis and other skin conditions.
Chronic Toxicity: May cause allergic reactions on skin
Carcinogenicity Data: None of the components of this material are listed as a carcinogen.
Reproductive Toxicity: No adverse effects on reproduction are known.
Acute Toxicity Values: No data is currently available.

SECTION: 12. ECOLOGICAL INFORMATION

The ecological effects of this product have not been evaluated.

SECTION: 13. DISPOSAL CONSIDERATION

Dispose of in accordance with local, provincial and federal regulations. Check with disposal expert to ensure compliance.

SECTION: 14. TRANSPORT INFORMATION

US DOT Shipping Description: Not regulated



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IATA Shipping (Air): Not regulated
IMDG Shipping Description: Not regulated

SECTION: 15. REGULATORY INFORMATION

WHMIS (Canada): Not regulated under WHMIS.
HMIS (USA): Health Hazard - 0 Fire Hazard - 3 Reactivity - 1
EU Labeling: Xi Irritant
R36/37/38 Irritating to respiratory system, eyes, and skin.
R43 May cause sensitization by skin contact.
S24 Avoid contact with skin.
S26 In case of contact with eyes, rinse immediately with water and seek medical advice
S28 After contact with skin, wash immediately with plenty of soap and water.

SECTION: 16. OTHER INFORMATION

Revision Date: June 4, 2014

SECTION: 17. DISCLAIMER

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PRODUCTS INGREDIENT DISCLAIMER

Customers should always refer to the ingredients label as affixed to each product or to specification sheets which are current at the time of supply of the product.



CERTIFICATE OF ANALYSIS

Product: Ruby Grapefruit Fragrant Oil

Lot No.: 23119-A24/D24

Best before: February, 2015

Store in air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Clear liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Complies
Specific Gravity:	0.826 - 0.876 @ 20°C	0.850
Refractive Index:	1.447 – 1.497 @ 20°C	1.471

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