



## MATERIAL SAFETY DATA SHEET

### 1 - Identification of Product and Supplier

Product Name: **Abyssinian Oil, RBDW (Crambe Seed)**  
Supplier: Saffire Blue Inc.  
1444 Bell Mill Road, Tillsonburg, ON N4G4G9 Canada  
Tel: 519-286-0295 | Toll Free: 877-248-1115

### 2 - Hazards identification:

Non hazardous

### 3 - Composition and information on ingredients:

The product does not belong to any list of substances supposedly hazardous to human or animal health according to EU guideline 548/67 and further amendments, nor to those having recognised exposition limits.

Inci Name: **Crambe Abyssinica Seed Oil**  
Chemical composition: Crambe Abyssinica Seed Oil is the oil expressed from the seeds of Crambe abyssinica, Brassicaceae. The raw material is originated from Republic of South Africa (RSA). The seeds are crushed in RSA to produce crude Abyssinian Oil. No solvents are employed. The crude oil is Refined, Bleached, Deodorized and Winterized in EEC.  
CAS number: 68956-68-3  
Einecs Number: 273-313-5  
Application: Skin conditioning, Hair conditioning

### 4 - First aid measures:

Eye contact: Flush with water.  
Skin contact: Wash with water and soap.  
Ingestion: Not considered dangerous. In high dosage, seek medical; advice.

### 5 - Fire - Fighting measures:

Extinguishing media: Carbon dioxide, foams, inert powder  
Extinguishing media to avoid: Water  
Special exposure hazards: Fine oil mists may be hazardous. On extreme long heating at high temperature gaseous components occur of acrolein variety.  
Protection against fire: Standard measures in line with fire safety regulations

### 6 - Accidental release measures:

Spillage on soil: Use a solid absorbent and/or wash floors with detergent. May cause slip on floors. If solidified, shovel into containers.  
Spillage on water: Since the density of oil is lower than water, it will appear on the surface. The fat can be scraped off the surface. Disposal according to UK/EU environmental regulations.

### 7 - Handling and storage:

At times oil-soaked materials may spontaneously combust. Use only in well ventilated areas, avoid contact with skin, eyes and clothing.

#### 8 - Exposure controls and personal protection:

No special personal protective equipment required.  
Protective gloves and goggles when handling hot oil.

#### 9 - Physical data and chemical properties:

<u>Form:</u>	Liquid at room temperature
<u>Odour:</u>	Very faint, characteristic
<u>Colour:</u>	Pale yellow
<u>pH:</u>	Neutral
<u>Boiling point (°C):</u>	>200
<u>Flash point (°C):</u>	>200
<u>Auto ignition temp (°C):</u>	>200
<u>Density @ 20 °C:</u>	0.906 - 0.911
<u>Hydrosolubility:</u>	Insoluble
<u>Liposolubility:</u>	Soluble in vegetable oils

#### 10 - Stability and Reactivity:

<u>Conditions to avoid:</u>	High temperature near flash point
<u>Materials to avoid:</u>	Strong acids and oxidising agents
<u>Hazardous decomposition products:</u>	Acrolein at extreme heating
<u>Hazardous reactions:</u>	Polymerisation not likely to occur
<u>Shelf Life:</u>	Min 12 months when stored in nitrogen flushed containers

#### 11 - Toxicological information:

Non toxic product - pharmaceutical use – food grade

#### 12 - Ecological information:

Readily biodegradable

#### 13 - Disposal considerations:

<u>Residue for disposal:</u>	According to local regulations.
<u>Waste packing:</u>	Observe local regulations.

#### 14 - Transport information:

Not dangerous product  
Classification: Not classified in RID/ADR/IMDG

#### 15 - Regulatory information:

In compliance with the requirements in the current Cosmetic Directives 67/548 EEC et 1999/45/CE

#### 16 - Other information:

#### Q.C. REQUIREMENTS

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.

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