

MATERIAL SAFETY DATA SHEET

Product Name: *Basil Holy*

Method of Cultivation: *Wild Crafted*

Botanical Name: *Ocimum sanctum*

Country of Origin: *India*

Supplier: **SunRose Aromatics, LLC, 198 Lincolnville Rd, Belmont Maine 04952**

Phone: 207.342.2046

INGREDIENTS

Botanical Origin:

H-No:

CAS No: 8015-73-4

Status: natural

CoE No: 308

FEMA: 2119

Additives: none

FDA:

IFRA: not restricted

Application:

RIFM monograph

EINECS: Not available

INCI name: *Ocimum sanctum Oil*

HAZARDS IDENTIFICATION:

The toxicological properties of this material have not been fully investigated. May cause eye & skin irritation. May cause respiratory & digestive tract irritation.

FIRST AID MEASURES:

Inhalation:

Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

Eye Contact:

Rinse immediately with plenty of water for at least 15 minutes. Contact a doctor if symptoms persist.

Skin Contact:

Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

Ingestion:

Rinse mouth out with water. Seek medical advice immediately.

Other:

When assessing action take Risk & Safety Phrases into account.

FIRE FIGHTING MEASURES:

Extinguishing media Recommended:

Use CO2, Dry Powder, or Foam type of Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

Special measures:

Avoid vapor inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self contained breathing apparatus & protective clothing.

Extinguishing Procedures:

Closed containers may build up pressure when exposed to heat & should be cooled with water spray.

ACCIDENTAL RELEASE MEASURES:**Personal Precautions:**

Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof boots, suitable proactive clothing) in case of major spillages.

Environmental Precautions:

Keep away from drains, soils, surface & ground waters.

Cleaning up methods for Spillage:

Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, or sweep up and remove to an approved disposal container. Observe state, federal & local disposal regulations.

HANDLING AND STORAGE:**Precautions in Handling:**

Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, & do not eat, drink, or smoke whilst handling. Avoid spilling, skin, & eye contact.

Storage Conditions:

Store in tightly closed original container, in a cool, dry, & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.

Fire Protection:

Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respiratory Protection: Avoid breathing product vapor. Apply local ventilation where possible

Ventilation: Ensure good ventilation of working area

Hand Protection: Avoid all skin contact. Use chemically resistant gloves if required

Eye Protection: Use safety glasses

Work/Hygiene Practices: Wash hands with soap & water after handling

PHYSICAL & CHEMICAL PROPERTIES

Color:	Light yellow to brown
Appearance:	Liquid
Odor:	Green, herbaceous, clove like odor.
Flash-Point C:	> 100
Refractive Index at 20oC:	1.502 – 1.519
Specific Gravity at 20oC:	0.952 – 0.973
Water Solubility:	Insoluble

STABILITY & REACTIVITY

Stability:	Stable under normal temperature conditions.
Conditions to avoid:	Avoid heat, flames, & other sources of ignition.
Decomposition:	In case of fire, toxic gases, (CO, CO ₂ , NO _x) may be formed.

ECOLOGICAL INFORMATION

Very toxic to aquatic organisms:	May cause long term adverse effects in aquatic environment.
Biodegradability:	Data not available.
Precautions:	Prevent surface contamination of soil, ground & surface water.

DISPOSAL CONSIDERATION

Disposal Methods:	Waste is suitable for incineration. Dispose of waste & residues in accordance with local authority requirements.
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TRANSPORTATION REGULATIONS

General:	The product is not covered by international regulation on the transport of dangerous goods. (IMDG, IATA, ADR/RID).
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REGULATORY INFORMATION:

EU Directives:	Regulation (EC) No 1907/2006 of the European Parliament & the Council of 18 December 2006 concerning the Registration Evaluation, Authorization & Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC & repealing Council Regulation (EEC) No 793/93 & Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC & Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC, & 2000/21/EC, including amendments.
Statutory Instruments:	The Chemicals (Hazard Information & Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).
Approved Code of Practice:	Classification & Labeling of Substances & Preparations Dangerous for Supply.
Guidance Notes:	Workplace Exposure Limits EH40.

Acronyms:	REACH:	Regulation, Evaluation, Authorization of CHEmicals
	CSR:	Chemical Safety Report
	IFRA:	International Fragrance Association
	IOFI:	International Organization of Food Industry
	ATE:	Acute Toxicity Estimation
	ES:	Exposure Scenario

Safety Phrases:	H302:	Harmful if swallowed.
	H304:	May be fatal if swallowed and enters airways.
	H318:	Causes serious eye damage.
	H319:	Causes serious eye irritation.
	H400:	Very toxic to aquatic life.
	H410:	Very toxic to aquatic life with long lasting effects.
	H412:	Harmful to aquatic life with long lasting effects.
	H226:	Flammable liquid and vapour.
	H315:	Causes skin irritation.
	H317:	May cause an allergic reaction.
	R22:	Harmful if swallowed.
	R36:	Irritating to eyes.
	R38:	Irritating to skin.
	R41:	Risk of serious damage to eyes.
	R43:	May cause sensitization by skin contact.
	R50:	Very toxic to aquatic organisms.
	R50/53:	Very toxic to aquatic organisms, & may cause long-term adverse effects in the aquatic environment.
	R51/53:	Toxic to aquatic organisms, & may cause long-term adverse effects in the aquatic environment.
	R52/53:	Harmful to aquatic organisms, & may cause long-term adverse effects in the aquatic environment.
	R53:	May cause long-term adverse effects in the aquatic environment.
	R65:	Harmful: May cause lung damage if swallowed.
	S24:	Avoid contact with skin.
	S37:	Wear suitable gloves
	S61:	Avoid release to the environment.
	S62:	If swallowed, do not induce vomiting. Seek medical advice immediately.

OTHER INFORMATION:

Cosmetics Directive 7th Amendment:

Restrictions may apply. A source of limonene & linalool, listed as sensitizers. Check maximum usage levels for skin care products.

PACKAGING:

<u>TYPE</u>	<u>SUITABILITY</u>
Glass	yes
Lacquer lined steel/tin	yes
Aluminum	yes
HPPE	no
F/HDPE	yes
Other plastic	no

SHELF LIFE:

When stored within advised conditions, re-test after 12 months then at 3 monthly intervals up to a maximum shelf life of 36 months.

Q.C. REQUIREMENTS

In- line with general product specification. Always satisfy suitability for specific application
Retest after 6 months

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 this data 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.

Basil Holy Wild Crafted

Revised 04/2015: This document replaces any previously issued document.

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