



BEHALE





'be strong & healthy'

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY UNDERTAKING

Product Name		Rosemary Verbenone organic Essential Oil			
Biological Definition		Oil steam distilled from the leaves and flowers			
Inci No		Rosmarinus Officinalis			
Synonyms & Trade names		Verbenone			
Normal use		Cosmetics, Flavour and Fragrance			
Supplier		BEHALE 6970 Business Park Blvd., Unit 9 Jacksonville, FL 32256 www.behaleorganics.com T: (904) 619-1050 E: info@behaleorganics.com			
Reach Registration Number		N/A			
Hs Tariff Code		-			
FEMA No.	N/A	FDA No.	19555298040	Class No.	3
CAS-No.	84604-14-8	UN No. Shipping Name:	2319 Terpene Hydrocarbons N.O.S	EINEC No.	N/A

02. HAZARDS IDENTIFICATION

Classification (1999/45)	Xi+F, R10-R36-S02-S16-S26			
Classification (EC 1272/2008)	UN GHS: FL3, H303, H315, H317 EC CLP: FL3, H303, H315, H317			
Labels in accordance with (EC) No 1272/2008	 GHS07	 GHS08	 GHS09	 GH03
Signal Word	Terpene Hydrocarbons N.O.S			
Contains	Alpha pinene, 1.8 cineole			

Hazard Statements	H304 May be fatal if swallowed and enters H226 Flammable liquid and vapour H315 Causes skin irritation H317 May cause an allergic skin reaction
Precautionary Statements	P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection. P262 Do not get in eyes, on skin, or on clothing. P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P331 Do NOT induce vomiting. P391 Collect spillage. P501 Dispose of contents/container to ...
Adverse physio-chemical properties	Combustible but not self-ignite
Adverse effects on human health	Can cause skin and eye irritation

03. COMPOSITION/INFORMATION ON INGREDIENTS

NAME	CAS	EINECS	%
ALPHA PINENE	80-56-8	-	±18
1.8 CINEOLE	470-82-6	-	±9

04. FIRST AID MEASURES

General Information	See categories below
Inhaling	Move into an open-air space
Ingestion	Wash Mouth with water and obtain medical advice immediately
Skin Contact	Remove contaminated clothing, Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.
Eye contact	Flush with plenty amount of water and seek medical advice if necessary.

05. FIRE FIGHTING MEASURES

Extinguishing Media	Use CO ₂ Dry powder or foam type extinguishers. Do not use direct water jet on burning material
Special Fire Fighting Procedures	Wear protective clothing, avoid inhaling of vapours
Specific Hazards	None

Protective Measures in Fire	Closed containers may build up pressure when exposed to heat and they should be cooled
-----------------------------	--


06. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Maintain good occupational and personal hygiene. Avoid contact with skin
Environmental Precautions	Do not discharge directly into drains or soil. Keep away from surface and ground water
Spill Clean Up Methods	Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations

07. HANDLING AND STORAGE

Usage Precautions	Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene and do not eat, drink or smoke while handling.
Storage Precautions	Store in tight closed original container, in cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to minimum.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Equipment	
Engineering Measures	Ensure good ventilation of working area
Respiratory Equipment	As required. Avoid breathing product vapour.
Hand Protection	Avoid all skin contact. Use chemically resistant gloves if required
Eye Protection	Use safety glasses
Other Protection	As required
Hygiene Measures	Wash hands with soap & water after handling

09. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Colour	Clear Colourless to Straw Yellow Liquid
Odour	Herbaceous Aroma
Flash point	49°C
Boiling Point	187°C
Optical Rotation(20°C)	+10° - +45°
Refractive index	1.466 - 1.476 @20°
Solubility in water	Not soluble
Relative Density (20°C)	0.900 - 0.933 @20°
Melting point, Ph, vapour pressure	Data not found

10. STABILITY AND REACTIVITY

Stability	It presents no significant reactivity hazards, by it self or in contact with water
-----------	--

Condition to avoid	Avoid storage at elevated temperature
Materials to avoid	Avoid contact with strong acids, and oxidising agents
Hazardous Decomposition products	Liable to cause smoke & acrid fumes combustion: carbon monoxide, carbon dioxide
Stability	Stable

11. TOXOLOGICAL INFORMATION

Acute Toxicity	Acute oral toxicity Acute dermal toxicity: slightly irritating undiluted
Skin irritation & Aspiration hazard	Category 2 under EC 1272/2008
Serious eye damage/irritation	Potential exists. Wear goggles.
Respiratory or skin sensitisation	Skin sensitizer Category 1 under EC 1272/2006
Photo-toxicity	Not photo toxic pp 705-706


12. ECOLOGICAL INFORMATION

Ecotoxicity	Hazardous to the aquatic environment Chronic hazard category 2 according to EC 1272/2008
Mobility	Not determined
Persistence and degradability	Not determined
Bioaccumulation potential	Not determined
PBT Assessment	Not determined
Precautions	Avoid discharge into the environment especially into land, waterways and sea

13. DISPOSAL CONSIDERATIONS

Disposal Methods	Avoid discharge into the environment especially onto land, waterways and sea
------------------	--

14. TRANSPORT INFORMATION

Warning Icon	
Proper Shipping Name	Terpene Hydrocarbons N.O S
UN No. Road	UN 2319
ADR Class	Class 3
Packaging group	III
EMS	F-E, S-D
UN No AIR	UN 2319
Hazchem code	3YE
Hazard No (ADR)	30

15. REGULATORY INFORMATION

Statutory Instruments	The chemicals (Hazard information and packaging for Supply Regulation 2009 (SI 2009 NO 716))
Approved codes of practice	Classification and labelling of substances and preparations dangerous for supply. Safety data sheet for substance and preparations

16. OTHER INFORMATION

Revision Date	05/2018
Risk phrases	Harmful to lungs Skin sensitivity
Other	Complies with REACH guidance for SDS

DISCLAIMER: As the users' conditions of work are not known, the information contained in this Safety Data Sheet is accurate to the best of our knowledge and is based on the national community regulation the product must not be employed for uses other than those specified in item 1 with our having previously obtained written handling instructions. Users are responsible for taking all measures necessary to comply with the requirements of the law and local regulations. The information contained in this sheet should be regarded as the description of the safety requirements relating to our product and not as a guarantee of its properties.
