

# THE AROMAVERSE-FZCO

\*\*\*\* MATERIAL SAFETY DATA SHEET \*\*\*\*

## BOISAMBRENE FORTE

### Section 1 - Chemical Product and Company Identification

MSDS Name : Boisambrene Forte

Synonyms : Ethoxymethyl cyclododecyl ether

Company Identification THE AROMAVERSE-FZCO

A6-3648479202, Premises No. A6-003-B ,  
IFZA Business Park, DDP. DUBAI, UNITED ARAB EMIRATES.

Email: info@aromaverse.net

### Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	%	EINECS#
58567-11-6	Boisambrene Forte	99%Min	-

#### PRODUCT CLASSIFICATION per 29 CFR 1910.1200

HAZARD  
CLASSIFICATION

Skin Sensitisation Category 1B  
Skin Corrosion/Irritation Category 2

SIGNAL  
WORD

Warning

HAZARD  
STATEMENTS

Causes skin irritation.  
May cause an allergic skin reaction.

HAZA  
RD



PICTO

# THE AROMAVERSE-FZCO

GRA  
MS

## RECOMMENDED SAFETY PRECAUTIONS

Avoid breathing dust/fume/gas/mist/vapours/spray.  
Wash thoroughly after handling.

## **INJURY PREVENTION**

Contaminated work clothing should not be allowed out of the workplace.  
Wear chemical-resistant gloves and clothing, eye protection and face protection.

**EMERGENCY If  
RESPONSE If  
advice/attention.**

IF ON SKIN: Wash with plenty of soap and water.  
Specific treatment (see information on this label)  
skin irritation occurs: Get medical advice/attention.  
skin irritation or rash occurs: Get medical

Take off contaminated clothing and wash before reuse.  
Wash contaminated clothing before reuse.

**PRODUCT**

Dispose of contents and container in accordance with local, national, and  
**DISPOSAL** international regulations for hazardous wastes.

HAZARDS NOT OTHERWISE

CLASSIFIED

**PYROPHORIC GASES** Not

applicable

**SIMP  
LE  
ASPH  
YXIA  
NTS**

Not applicable



**COMBUSTIBLE DUST** Not applicable

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Dust Classification	Minimum Ignition Energy (mJ)	Pmax (bar-g)	Rmax (bar/s)	Kst (bar-m/s)	Explosion Severity

Definitions for dust classifications are found in OSHA Instruction CPL 03-00-008 *Combustible Dust National Emphasis Program (reissued)* March 11, 2008, Appendix E, Section 5

Other  
Known  
Hazards

None

## Section 3 - Hazards Identification

### EMERGENCY OVERVIEW

#### POTENTIAL HEALTH EFFECTS

**Eye** May cause irritation in the eyes  
**Skin** May cause irritation on the skin  
**Ingestion** Not Available  
**Inhalation** Not Available  
**Chronic** Not Known

## Section 4 - First aid Measures

**Eyes** Rinse immediately with plenty of water for 10 minutes at least.  
**Skin** Wash thoroughly with soap and water; flush with plenty of water.  
**Ingestion** Wash the mouth with water; seek medical advice immediately.  
**Inhalation** Move from exposure site to fresh air and keep at rest.  
**Notes to Physician** Treat symptomatically.

## Section 5 - Fire Fighting Measures

**General Information** Closed containers may build up pressure at elevated temperatures. If possible, containers should be cooled with a water spray.  
**Extinguishing Media** CO2, foam, dry chemicals.



*[Handwritten Signature]*

## Section 6 - Accidental Release Measures

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**General Information** Prevent any contact with hot surfaces. Do not approach facing the wind.

**Spills/Leaks** Contain spilled material. Cover with an inert, non-combustible, inorganic absorbent material.

## Section 7 - Handling and Storage

**Handling** Apply according to good manufacturing and industrial hygiene practices with proper ventilation.

**Storage** Store in cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container.

## Section 8 - Exposure Controls, Personal Protection

**Engineering Controls** Ensure good ventilation of the work station.

### PERSONAL PROTECTIVE EQUIPMENT

**Eyes** Use safety glasses.

**Skin** Avoid skin contact. Use chemical resistant gloves as needed.

**Respirators** Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions

## Section 9 - Physical and Chemical Properties

**APPEARANCE @ 20°C** Clear, colorless liquid

**ODOR** Characteristic odor

**ODOR THRESHOLD** No data available

**pH** No information available

**VAPOR DENSITY** No data available

**VAPOR PRESSURE** No data available

### RELATIVE

**EVAPORATION RATE** No data available 0.93g/mL @ 25°C

### DENSITY

### WATER

**MELTING POINT (°C)** No data available Poor in Water.

### SOLUBILITY

**INITIAL BOILING BOILING RANGE**

No data available No data available

**POINT (°C) (°C)**



**PARTITION**

**COEFFICIENT (N)** No data available

**VISCOSITY** No data available **OCTANOL/WATER)**

**DECOMPOSITION FLAMMABILITY**

No data available **CLASS IIIB TEMPERATURE CLASSIFICATION**

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150°C  
FLASH POINT (°C) No data available  
Cleveland Open Cup  
AUTO-IGNITION  
TEMPERATURE  
UPPER EXPLOSIVE LOWER  
No data available No data available  
LIMIT EXPLOSIVE LIMIT

## Section 10 - Stability and Reactivity

**Chemical Stability** Stable under normal temp and pressure.  
**Conditions to Avoid** Avoid contact with strong acids, alkali or oxidizing agents.  
**Incompatibilities with Other Materials** strong acids, alkali or oxidizing agents.  
**Hazardous Decomposition Products** Carbon Monoxide and carbon Dioxide  
**Hazardous Polymerization** Not Known.



## Section 11 - Toxicological Information

### ACUTE EFFECTS

**EYE EFFECTS** | Liquid is mildly irritating to eyes. Vapors may also produce eye irritation.

**SKIN EFFECTS** | Prolonged and/or repeated skin contact may result in mild irritation or redness.

**ACUTE ORAL EFFECTS (INGESTION)** | Not a likely route of entry.

**ACUTE INHALATION**  
This product may cause slight irritation to the respiratory system. **EFFECTS**

**TARGET ORGANS** No known effects.

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## CHRONIC EFFECTS

**TERATOLOGY** | No data available for this product.

**REPRODUCTIVE and  
DEVELOPMENTAL No  
TOXICITY  
CARINOGENICITY** | information available.

<u>CHEMICAL NAME</u>	<u>DATA</u>	<u>AGENCY</u>	<u>LIST</u>
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None of the components of this product are listed on the OSHA Possible or Select Carcinogens List.

None of the components of this product are listed on the ACGIH Carcinogens List.

No limits established for this product by the International Agency for Research on Cancer (IARC).

None of the components of this product are listed on the NTP Known or Suspected Carcinogens List.

## LETHAL DOSE (LD50 & LC50) DATA

**LD50 ORAL** | LD50 Oral Rat > 2000 mg/kg

**MEDICAL  
CONDITIONS  
AGGRAVATED by  
EXPOSURE** | No information available

**ROUTES of ENTRY** | Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

**OTHER  
TOXICOLOGICAL  
INFORMATION** | Skin Corrosion/Irritation: 100%, 4 hours undiluted application (OECD404): Irritant  
Serious Eye Damage/Irritation: 100%, OECD Guidelines No.405: Non Irritant



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## Section 12 - Ecological Information

Other .None Available.

## Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

## Section 14 - Transport Information

	IATA	IMO	RID/ADR
<b>Shipping Name:</b>	Not Regulated	Not Regulated	Not Regulated
<b>Hazard Class:</b>			
<b>UN Number:</b>			

## Section 15 - Regulatory Information

European/International Regulations:

European Labeling in Accordance with EC Directives

Hazard Symbols:

Risk Phrases: R20/21/22

R36/37/38

Safety Phrases: Not Available.

United Kingdom Occupational Exposure Limits: Not Known.

Canada : Product is on the DSL list.

Exposure Limits

US FEDERAL

TSCA : Product is listed on the TSCA list.



## Section 16 - Additional Information

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular*

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A handwritten signature in blue ink, appearing to be "M.M.M.", written over a horizontal line.

AromaVerse