

Material Safe Data Sheet		
volant	Product reference: Energy Blend	Product type: Essential Oil Blend
	Batch Number: NNIENBL/976/0524	Created by: Natures Natural India Oils Pvt. Ltd.

1. Identification of the substance/preparation and the company/undertaking:

1.1 Identification of the substance/preparation ENERGY BLEND:
Citrus Aurantium Bergamia Fruit Oil (Bergamot essential oil) Amyris Balsamifera Bark Oil (Amyris essential oil) Citrus Aurantifolia Oil (Lime essential oil) Citrus Paradisi Peel Oil (Grapefruit essential oil)

CAS number : 8007-75-8 / 8016-20-4 / 8008-26-2 / 8015-64-4
Alternative CAS number : N/A
EC number : AAHCN4540J
CoE :
FEMA :
Manufacturer : NATURES NATURAL INDIA OILS PVT LTD

1.2 Use of the substance/preparation:

Suitable For Fragrance, Flavor, Cosmetics & For Professional Applications Only

1.3 Manufacturer company data:

Name : Natures Natural India Oils Pvt. Ltd.
Address : 51/1/6, Site-IV, Sahibabad
Industrial Area, Ghaziabad-201010, U.P
(INDIA)
Tel. : +91-9711-00-3901
Email : naturesnaturalindia@gmail.com

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Name : Natures Natural India Oils Pvt. Ltd.
VAT No : 09AAHCN4540J1Z8
Emergency tel. : +91-11-2278-3487

2. HAZARD IDENTIFICATION:

2.1 Classification of the substance or mixture: Bergamot essential oil, Amyris essential oil, Lime essential oil, Grapefruit essential oil

Signal word: Danger

H315 Causes skin irritation
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H410 Toxic to aquatic life with long-lasting effects.
H304 May be fatal if swallowed and enters airways
H226 Flammable liquid and vapour
IF SWALLOWED: Immediately call a POISON CENTER or doctor.
IF IN EYES: Rinse cautiously with water for several minutes.
IF ON SKIN: Wash with plenty of water.

2.2 Label elements:



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2.3 Other hazards

N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS


3.1 Substances

N/A

3.2 Mixture

Lime essential Oil:

AMYL CINNAMAL 122-40-7 -
 BENZYL ALCOHOL 100-51-6 -
 CINNAMYL ALCOHOL 104-54-1 -
 CITRAL 5392-40-5 7.0 - 15.0%
 EUGENOL 97-53-0 -
 HYDROXYCITRONELLAL 107-75-5 -
 ISO EUGENOL 97-54-1 -
 AMYL CINNAMYL ALCOHOL 101-85-9 -
 BENZYL SALICYLATE 118-58-1 -
 CINNAMAL 104-55-2 -
 COUMARIN 91-64-5 -
 GERANIOL 106-24-1 0.4%
 HYDROXYISOHEXYL 3-CYCLOHEXENE
 CARBOXALDEHYDE 31906-04-4 -
 ANISE ALCOHOL 105-13-5 -
 BENZYL CINNAMATE 103-41-3 -
 FARNESOL 4602-84-0 -
 BUTYLPHENYLMETHYLPROPIONAL 80-54-6 -
 LINALOOL 78-70-6 <0.2%
 BENZYL BENZOATE 120-51-4 -
 CITRONELLOL 106-22-9 -
 HEXYL CINNAMAL 101-86-0 -
 LIMONENE 5989-27-5 40 - 60%
 METHYL 2-OCTYNOATE 111-12-6 -
 ALPHA-ISOMETHYLIONONE 127-51-5 -
 EVERNIA PRUNASTRI EXTRACT 90028-68-5 -
 EVERNIA FURFURACEA EXTRACT 90028-67-4 -


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Amyris essential Oil:

AMYL CINNAMAL 122-40-7 -
 BENZYL ALCOHOL 100-51-6 -
 CINNAMYL ALCOHOL 104-54-1 -
 CITRAL 5392-40-5 -
 EUGENOL 97-53-0
 HYDROXYCITRONELLAL 107-75-5 -
 ISO EUGENOL 97-54-1 -
 AMYL CINNAMYL ALCOHOL 101-85-9 -
 BENZYL SALICYLATE 118-58-1 -
 CINNAMAL 104-55-2 -
 COUMARIN 91-64-5 -
 GERANIOL 106-24-1 -
 HYDROXYISOHEXYL 3-CYCLOHEXENE
 CARBOXALDEHYDE 31906-04-4 -
 ANISE ALCOHOL 105-13-5 -
 BENZYL CINNAMATE 103-41-3 -
 FARNESOL 4602-84-0 -
 BUTYLPHENYLMETHYLPROPIONAL 80-54-6 -
 LINALOOL 78-70-6 -
 BENZYL BENZOATE 120-51-4 -
 CITRONELLOL 106-22-9 -
 HEXYL CINNAMAL 101-86-0 -
 LIMONENE 5989-27-5 -
 METHYL 2-OCTYNOATE 111-12-6 -
 ALPHA-ISOMETHYLIONONE 127-51-5 -
 EVERNIA PRUNASTRI EXTRACT 90028-68-5 -
 EVERNIA FURFURACEA EXTRACT 90028-67-4 -

Bergamot essential Oil:

AMYL CINNAMAL 122-40-7 -
 BENZYL ALCOHOL 100-51-6 -
 CINNAMYL ALCOHOL 104-54-1 -
 CITRAL 5392-40-5 ≤1.30%
 EUGENOL 97-53-0 -
 HYDROXYCITRONELLAL 107-75-5 -
 ISO EUGENOL 97-54-1 -
 AMYL CINNAMYL ALCOHOL 101-85-9 -
 BENZYL SALICYLATE 118-58-1 -
 CINNAMAL 104-55-2 -
 COUMARIN 91-64-5 -
 GERANIOL 106-24-1 -
 HYDROXYISOHEXYL 3-CYCLOHEXENE

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CARBOXALDEHYDE 31906-04-4 -
 ANISE ALCOHOL 105-13-5 -
 BENZYL CINNAMATE 103-41-3 -
 FARNESOL 4602-84-0 -
 BUTYLPHENYLMETHYLPROPIONAL 80-54-6 -
 LINALOOL 78-70-6 7.0 - 15.0%
 BENZYL BENZOATE 120-51-4 -
 CITRONELLOL 106-22-9 ≤0.03%
 HEXYL CINNAMAL 101-86-0 -
 LIMONENE 5989-27-5 33.0 - 50.0%
 METHYL 2-OCTYNOATE 111-12-6 -
 ALPHA-ISOMETHYLIONONE 127-51-5 -
 EVERNIA PRUNASTRI EXTRACT 90028-68-5 -
 EVERNIA FURFURACEA EXTRACT 90028-67-4 -

Grapefruit essential oil:

AMYL CINNAMAL 122-40-7 -
 BENZYL ALCOHOL 100-51-6 -
 CINNAMYL ALCOHOL 104-54-1 -
 CITRAL 5392-40-5 0.01 - 0.1%
 EUGENOL 97-53-0 -
 HYDROXYCITRONELLAL 107-75-5 -
 ISO EUGENOL 97-54-1 -
 AMYL CINNAMYL ALCOHOL 101-85-9 -
 BENZYL SALICYLATE 118-58-1 -
 CINNAMAL 104-55-2 -
 COUMARIN 91-64-5 -
 GERANIOL 106-24-1 -
 HYDROXYISOHEXYL 3-CYCLOHEXENE
 CARBOXALDEHYDE 31906-04-4 -
 ANISE ALCOHOL 105-13-5 -
 BENZYL CINNAMATE 103-41-3 -
 FARNESOL 4602-84-0 -
 BUTYLPHENYLMETHYLPROPIONAL 80-54-6 -
 LINALOOL 78-70-6 0.01 - 0.1%
 BENZYL BENZOATE 120-51-4 -
 CITRONELLOL 106-22-9 -
 HEXYL CINNAMAL 101-86-0 -
 LIMONENE 5989-27-5 50 - 90%
 METHYL 2-OCTYNOATE 111-12-6 -
 ALPHA-ISOMETHYLIONONE 127-51-5 -
 EVERNIA PRUNASTRI EXTRACT 90028-68-5 -
 EVERNIA FURFURACEA EXTRACT 90028-67-4 -

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4. FIRST AID MEASURES

4.1 Description of first aid measures

Skin contact : Remove contaminated clothes. Immediately Wash thoroughly with water (and soap). Contact physician if symptoms persist.

Eye contact : Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

Ingestion : Rinse mouth with water and obtain medical advice immediately

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Emergency tel. +359 2 9583034

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

No supplementary information available.

5. FIRE - FIGHTING MEASURES

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5.1 Extinguishing media

- Suitable extinguishing media: Spray, fog, CO₂, dry chemical, or alcohol-resistant foam. Unsuitable extinguishing media: Do not use a solid water stream as it may scatter and spread the fire.

5.2 Means unsuitable for fire extinguishing due to security reasons

- Fire may produce irritating, corrosive and/or toxic gases (Carbon monoxide (CO), Carbon dioxide (CO₂), Smoke and soot). Do not inhale explosion and combustion gases.

5.3 Advice for firefighters:

Protective equipment: Firefighters must use standard protective equipment. Wear self-contained breathing apparatus (SCBA) and protective clothes. In case of fire and/or explosion do not breathe fumes. Use standard firefighting procedures.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions

Wear personal protection equipment.
Avoid contact with skin or inhalation of spillage, dust or vapor. Ensure adequate ventilation.
Remove all sources of ignition.
Evacuate personnel to safe areas.

6.2 Environmental precautions

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Prevent further leakage or spillage if safe to do so. Do not allow product to enter drains.

Retain contaminated washing water and dispose of it. Discharge into the environment must be avoided.

In case of gas escape or of entry into the aquatic environment, soil or drains, inform the respective authorities

6.3 Cleaning materials

- Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see section 13).

- Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with a plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or, diatomite, universal binders, and place into containers.

- Small Spills: Wipe up with absorbent material (e.g. cloth). Clean surface thoroughly to remove remaining pollutants.

- Never return spills in original containers for re-use. This material and its container must be disposed of as hazardous waste

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

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Do not handle or store near an open flame, heat or other sources of ignition. All equipment used when handling the product must be grounded.

Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wash thoroughly after handling. Avoid breathing vapor. Take precautionary measures against static discharges. Protect against electrostatic charges.

Avoid breathing vapor.

Keep ignition sources away - Do not smoke.

7.2 Storage

Fire may produce irritating, corrosive and/or toxic gases (Carbon monoxide (CO), Carbon dioxide (CO₂), Smoke and soot). Do not inhale explosion and combustion gases

7.3 Specific use

N/A

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Use personal protective equipment depending on concentration and amount of hazardous substance.

Keep away from foodstuffs, beverages and feed.

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Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

Respiratory protection:

Suitable respiratory protection: filter class A2 (brown colour).

Use the rules for application of respiratory protection systems.

Protection of hands:

Preventive skin protection by use of skin-protecting agents is recommended.

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves

The election of suitable gloves does not only depend on the material, but also on further marks of quality and varies from Manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material Cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

> 480 minutes at layer thickness of 0,425 millimeter (Sol-Vex 37-695/Ansell).

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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For the permanent contact gloves made of the following materials are suitable:

Nitrile rubber, NBR

E.g. following product: Sol-Vex (37-695) from Ansell.

As protection from splashes gloves made of the following materials are suitable: PVC gloves

Eye protection:

Tightly sealed goggles according to EN 166:2001c

Body protection: Protective work clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information

Form Liquid form

Color Pale yellow to dark yellow color liquid

Odor Characteristic odor

Refractive Index 1.40 - 1.50

9.2 Future information

N/A

10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

Light and heat.

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10.5 Incompatible materials

Avoid contact with combustible materials. The product could catch fire.

10.6 Hazardous decomposition products

None.

11. TOXICOLOGICAL INFORMATION

Toxicological information of the mixture:

Test: LD50 = 2840mg/kg

Route: oral

Species: Rat

Acute toxicity: This substance does not meet the criteria for classification in accordance

with Regulation (EC) No 1272/2008

Skin corrosion/irritation: This substance does not meet the criteria for classification in accordance

with Regulation (EC) No 1272/2008

Serious eye damage/irritation: This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008

Respiratory or skin sensitization:

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008

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Germ cell mutagenicity: This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008

Carcinogenicity: This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008

Reproductive toxicity: This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008

STOT-single exposure: This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008

STOT-repeated exposure: This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008

Aspiration toxicity: This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No data available.

12.2 Persistence and degradability - None

12.3 Bioaccumulate potential - N.A.

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12.4 Mobility in soil - N.A.

13. DISPOSAL CONSIDERATION

13.1 Waste treatment

Container disposal: Containers must be disposed of as hazardous waste. Do not reuse empty containers. Dilute the remaining material and neutralize. Empty residue into a suitable disposal site.

Disposal conditions: Dispose of in accordance with all state and local environmental regulations. This material and its container must be disposed of in a safe way.

Other: When product is properly discharged in low concentrations to biological wastewater treatment plants it should not cause any disturbances in the degradation activity of the activated sludge.

14. TRANSPORT INFORMATION

Road and Rail Transport Not classified as Dangerous Goods for transport Road and Rail. NON-DANGEROUS GOODS.

Marine Transport Not classified as Dangerous Goods by the criteria of the International

Maritime Dangerous Goods Code (IM DG) for transport by sea; (NON-DANGEROUS GOODS).

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Air Transport Not classified as Dangerous Goods by the criteria of the International Air Transport

Association (IATA) Dangerous Goods Regulations for transport by air.

14.1 UN number - Not classified as dangerous in the meaning of transport regulations.

14.2 UN proper shipping name - N.A.

14.3 Transport hazard class(es) - N.A.

14.4 Packing Group - N.A.

14.5 Environmental hazards - N.A.

14.6 Special Precautions for User - N.A.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Dir.

TSCA Exempt from TSCA chemical inventory listing requirement.

DSL/NDSL Exempt from DSL/NDSL chemical inventory listing requirements

EU Classification Non-dangerous

16. OTHER INFORMATION

This information is provided for documentation purposes only. The complete range of conditions or methods of use are beyond our control therefore we do not assume any

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responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.