	ORGANICA AROMATICS PVT.LTD.	Document No.	MSDS_NEW_12
	S A F E T Y D A T A S H E E T	Issue Date	JULY – 2015
		Page No.	Page 1 of 5
GEOSMIN			

1. Product and Company Identification

Supplier's Name	Organic Aromatics Pvt. Ltd.
Address	No: 5 :O", 4 "B", Dobaspet Industrial area, Nelamangala taluk – Bangalore- 560 111, India
Telephone No. For Information	91-80-27735252
Emergency Telephone No.	91-80-27735252
Product Name	Geosmin
Applications	Flavors and fragrances

2. Identification of Hazardous.

GHS Label elements, including precautionary statements

Pictogram	
Signal word	Warning
GHS LABELING/HAZARD STATEMENTS	

Hazard Statements:

H319 : Causes eye irritation
H315 : Causes skin irritation.

Precautionary Statements:

P305: If in Eyes, rinse with water immediately.
P351: Rinse cautiously with water for several minutes
P314: Get Medical advice/attention if you feel unwell
P302+334 : IF ON SKIN: Immerse in cool water/wrap in wet bandages

Label precautionary statements

U.S. HAZARD LABELING : May be irritating to skin and eyes.


R36/38 : Irritating to skin and eyes..
R50/53: Very toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment.

EU S PHRASES, 67/548/EEC (DSD)

S02 Keep out of the reach of children.
S24/25 Avoid contact with skin and eyes..
S26 In case of contact with eyes,rinse immediately with plenty of water and seek medical advice.
S36 wear suitable protective clothing.

3. Ingredients Identifying Information

COMPONENT	Molecular formula	CAS No.	EINECS No.	FEMA No.
Geosmin	C ₁₃ H ₂₀ O	23333-91-7	245-590-2	4682

	ORGANICA AROMATICS PVT.LTD.	Document No.	MSDS_NEW_12
	S A F E T Y D A T A S H E E T	Issue Date	JULY – 2015
		Page No.	Page 2 of 5
GEOSMIN			

4. Precautions for Safe Handling and Use

FIRST AID MEASURES

Inhalation exposure	: Remove to fresh air. If breathing is difficult, have a trained individual administer Oxygen. Get a medical attention immediately.
Eye contact	: Flush with water for 15 min. Seek medical help if necessary.
Skin contact	: Wash area well with water. Remove contaminated clothing and launder Seek medical help if necessary.
Ingestion	: Administer water and call a physician or poison control center Immediately. Do not induce vomiting.

5. Fire and Explosion hazard data

Flammable properties	: Flash point 212° F (100°C) : Ignition temperature no data available
Suitable extinguishing media	: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special protective equipment for fire-fighters	: Wear self contained breathing apparatus for fire fighting if necessary.
Unusual fire and explosion hazards	: None

6. Accidental Release Measures

Personal precautions :

Exposure to the spilled material may be severely irritating or toxic. Follow personal protective equipment recommendations. Personal protective equipment must be evaluated based on information provided on this sheet and the special circumstances created by the spill including, the material spilled, the quantity of the spill, the area in which spill occurred.

Environmental precautions Do not let product enter drains.

Methods and materials for containment and cleaning up Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material

7. Handling and Storage

Precautions for safe handling Avoid contact with skin and eyes. Avoid formation of aerosols. Provide appropriate exhaust ventilation at places where aerosol is formed. Normal measures for preventive fire protection.

**ORGANICA AROMATICS PVT.LTD.**Document
No.

MSDS_NEW_12

Issue Date

JULY – 2015

Page No.

Page 3 of 5

**S A F E T Y
D A T A S H E E T****GEOSMIN****Conditions for safe storage**

Keep container tightly closed in a dry and well-ventilated place.

Recommended storage temperature

Room temperature, Keep in a dry place

8. Exposure control and Personal Protection**Personal protective equipment****Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN EU).

Hand protection

Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals.

Eye protection

**Wear chemically resistant safety glasses with side shields
When handling this product. Do not wear contact lenses.**

Skin and body protection

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands with mild soaps before eating, drinking and breaks and at the end of workday.

9. Physical and Chemical Properties**Physical State :**

Liquid

Colour :

Colourless to pale yellow liquid

Relative Density (20°C) :

0.970 – 0.990 at 25°C

Refractive Index :

1.490 – 1.4510° at 20°C

Flash Point :

> 100°C

Iodine Value :

NA

Peroxide Value :

NA

Saponification Value :

NA

Boiling Point :


NA

Acid Value :

NMT 1.0

Solubility in Water :

Insoluble

	ORGANICA AROMATICS PVT.LTD.	Document No.	MSDS_ NEW_12
	S A F E T Y D A T A S H E E T	Issue Date	JULY – 2015
		Page No.	Page 4 of 5
GEOSMIN			

10. Stability and Reactivity

Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Presents no special reactivity hazard
Materials to avoid	Strong oxidizing agents
Hazardous decomposition products	Carbon dioxide and carbon monoxide.
Hazardous polymerization:	Will not occur

11. Health Hazardous.

Immediate Health Effects by route of exposure :

Inhalation Irritation : Can cause moderate respiratory irritation , dizziness, weakness, and headache.

Skin contact : Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

Eye contact : Can cause moderate irritation, tearing and reddening.

Ingestion irritation : Irritating to mouth,throat,and stomach.

Long term health effects :

Threshold Limit Value: Non Toxic.

Carcinogenicity: No data available

Reproductive Toxicity : No data available

Teratogenicity : No data available


Mutagenicity : No data available

Skin Irritancy: Not expected to be an irritant.

Eyes : Not expected to be an irritant

12. Ecological information

Toxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
PBT and vPvB assessment	No data available
Other adverse effects	No data available

	ORGANICA AROMATICS PVT.LTD.	Document No.	MSDS_NEW_12
	S A F E T Y D A T A S H E E T	Issue Date	JULY – 2015
		Page No.	Page 5 of 5
GEOSMIN			

13. Disposal considerations

Product	Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.
Contaminated packaging	Dispose of as unused product.

14. Transport information

Sea Transport -IMDG :

Not classified.

Air Transport - IATA :

Not classified.

15. Regulatory information

US classification and label text	Indication of : warning. Risk Statements: May cause sensitization by skin contact. Wear suitable protective clothing
Safety Statements:	
WHMIS Classification:	This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.
This chemical is listed on the following inventories: TSCA.EINCES. CDS.	

16. Other information

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