




MATERIAL SAFETY DATASHEET

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

1.1 Product Identifier					
Product Name		Armoise Mugwort			
Biological Definition		Artemisia alba is a species with great importance in the history of medicine and was called the "mother of herbs" in the Middle Ages. It is a common herbaceous plant that exhibits high morphological and phytochemical variability depending on the location it occurs.			
INCI Name		Artemisia herba-alba			
Synonyms & Trade Names		---			
CAS-No	8008-93-3	EC No.	N/A	EINECS No.	N/A
1.2 Relative identified uses of the substance or mixture and uses advised against					
Aromatherapy, natural perfumery, as recommended. Do not ingest. Uses advised against: Other uses than those recommended.					
1.3 Details of the supplier of the safety data sheet					
VENKATRAMNA INDUSTRIES, Talaya Chauki, Kannauj-209725, (UP) INDIA					
1.4 Emergency Tel. No.		+91-9554075786			

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
Classification according to the Regulation (EC) No 1272/2008. Sensitization — Skin, Hazard Category 1; H317.	
2.2 Label Elements	
Signal Word	Warning
	
Hazard Statements	
H226 – Flammable liquid and vapor. H302 - Harmful if swallowed. H315 – Causes skin irritation. H317 – May cause an allergic skin reaction. H319 – Causes serious eye irritation.	

H371 – May cause damage to organs.

H412 – Harmful to aquatic life with long-lasting effects.

Precautionary Statements

P102 - Keep out of the reach of children.

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.

P280: Wear protective gloves.

P302+P352: IF ON SKIN: Wash with plenty of water.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

P501: Dispose of contents/container to an approved waste disposal plant.

Supplementary Precautionary Statements

2.3 Other Hazards

May cause skin irritation/allergy. Patch test recommended.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	% by weight
Armoise(Mugwort)	100
EU Allergens:	
Limonene	0.101-1
Linalool	0.101-1
Prop 65:	
Methyl Eugenol	<= 0.01

4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Not likely to occur under normal conditions of use. If symptoms occur, move to fresh air and obtain medical advice.
Ingestion	If swallowed, rinse mouth with water. Seek medical advice immediately and show this container or label. Do NOT induce vomiting.
Skin Contact	No harmful effect with normal skin. If skin irritation does occur, wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.
Eye Contact	Check for and remove any contact lenses. Flush with water for 15 minutes. If symptoms persist get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Eye contact: May cause eye irritation and corneal damage if not immediately rinsed out.

Skin Contact: Repeated contact may cause allergic dermatitis.

Inhalation: Breathing high concentrations of vapor may cause anesthetic effects.

Ingestion: Do Not Induce vomiting.

4.3 Indication of any immediate medical attention and special treatment needed

No additional data available

5. FIRE-FIGHTING MEASURES

5.1	Extinguishing Media
	Carbon dioxide, dry chemical powder or appropriate foam. For safety reasons do not use full water jet
5.2	Special hazards arising from the product
	None known
5.3	Advice for firefighters
	In case of fire in the surrounding area, follow the recommendations below: 1-Closed containers may build up pressure at elevated temperatures. 2-Avoid inhalation of fumes or vapours. Use appropriate respiratory protection. 3-Prevent run-off from fire fighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES


6.1	Personal precautions, protective equipment and emergency procedures
	Wear appropriate gloves to prevent skin exposure. Avoid contact with skin and inhalation of its vapours or smoke. Maintain adequate ventilation in the working area after spilling.
6.2	Environmental Precautions
	Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, or diatomaceous earth in drums for waste disposal. Avoid allowing product to reach sewage system or any waterways. Inform respective authorities in case of seepage into sewage system or waterways.
6.3	Methods and material for containment and cleaning up.
	Absorb spill with non-combustible matter (such as detergent--do not use solvents) and transfer to containers.
6.4	Reference to other sections
	See also sections 8 and 13.

7. HANDLING AND STORAGE

7.1	Precautions for safe handling
	Handle in accordance with good industrial hygiene and safety practice. Avoid unintentional contact with skin surfaces. Wear suitable protective clothing. Avoid inhalation. Ensure good ventilation or exhaust in workplace. Ensure that there is adequate ventilation, especially in confined areas.
7.2	Conditions for safe storage, including any incompatibilities
	Store in closed glass containers, away from heat, light and other sources of ignition. Store in cool area.
7.3	Specific end use(s)
	No additional data available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1	Control parameters
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Declaration of substances is not required	
8.2 Exposure controls	
Protective Equipment	
	
Process Conditions	Provide eyewash station.
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	For high concentrations use respiratory equipment.
Hand Protection	Chemical resistant gloves (PVC)
Eye Protection	Wear approved safety goggles.
Other Protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	Use personal protection according to Directive 89/686/EEC.
Skin Protection	Wear apron or protective clothing in case of splashes.
Environmental Exposure Controls	Avoid discharging into drainage water. Only eliminate by authorized companies.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties	
Appearance	Transparent liquid
Colour	Yellow to green
Odour	Fresh, cool and pungent with green undertones.
Flash Point (°C)	57,5°C
Refractive Index	1.425 - 1.470 (20 °C)
Melting Point (°C)	No additional data available
Boiling Point (°C)	No additional data available
Vapour Pressure	No additional data available
Solubility in Water @20°C	Insoluble in water.
Auto-ignition temperature (°C)	No additional data available
9.2 Other information	
No additional data available.	

10. STABILITY AND REACTIVITY

10.1 Reactivity	
No dangerous reactions known.	
10.2 Chemical stability	
Stable under normal operating conditions.	
10.3 Possible hazardous reactions	

When exposed to high temperatures, the substance may release hazardous decomposition products, such as carbon monoxide, carbon dioxide, fumes, and nitrogen oxide.

10.4 Conditions to Avoid

Heat, flames and other sources of ignition. No special precautions other than good housekeeping of chemicals.

10.5 Incompatible materials

Alkali metals, ammonia, oxidizing agents, peroxides strong inorganic acids.

10.6 Hazardous Decomposition Products

None – when carefully used.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity	Oral, LD50: 329 mg/kg
Skin corrosion / irritation	May be irritating to skin
Serious eye damage / irritation	May be irritating to eyes. Prompt rinsing and removal of the substance will avoid damage.
Respiratory or skin sensitization	Breathing high concentrations of vapor may cause anesthetic effects.
Germ Cell Mutagenicity	Not listed as mutagenic
Carcinogenicity	Not listed as carcinogenic
Reproductive toxicity	Not listed as reprotoxic
STOT-single exposure	No data available
STOT-repeated exposure	No data available
Aspiration hazard	Not Specified
Photo-toxicity	Not listed as photo-toxic
Other Information	No additional data available

11.2 Information on the likely routes of exposure

Skin/scalp contact.

11.3 Symptoms related to the physical, chemical, and toxicological characteristics

None known. Irritation of the eye if exposed. Redness of the skin if irritated

11.4 Delayed and immediate effects and chronic effects from short-term and long-term exposure

No Data Available

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Acute fish toxicity:

LC50 / 96 HOUR – No data available

Toxicity to aquatic plants – No data available

Toxicity to microorganisms – No data available

Toxicity threshold – No data available

12.2 Persistence & degradability

No data available

12.3 Bioaccumulation Potential
Bioaccumulation is unlikely.
12.4 Mobility in soil
Not determined
12.5 Results of PBT and vPvB Assessment
No data available
12.6 Other adverse effects
Avoid exposure to marine environments and waterways.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Containers must be disposed of as hazardous waste. Do not reuse empty containers. Dilute the remaining material and neutralise. Empty residue into a suitable disposal site. Dispose of in accordance with all state and local environmental regulations. This material and its container must be disposed of in a safe way.

14. TRANSPORT INFORMATION

14.1 UN number	
UN No. Road	Not regulated for transport
UN No. SEA	Not regulated for transport
UN No. AIR	Not regulated for transport
14.2 UN proper shipping name	
Not classified	
14.3 Transport hazard class(es)	
ADR/RID/ADN Not regulated for transport	
ADR/RID/ADN Class - - -	
IMDG Class - - -	
ICAO Class/Division - - -	
14.4 Packing group	
ADR/RID/ADN Packing group Not regulated for transport	
IMDG Packing group - - -	
ICAO Packing group - - -	
14.5 Environmental hazards	
Do not allow to escape into environment, especially not into waterways, sewers or the sea.	
14.6 Special precautions for user	
EMS: Not allocated	
Emergency Action Code: Not allocated	
Hazard No. (ADR): Not allocated	
Tunnel Restriction Code (E) Not assigned	
14.7 Transport in bulk according to Annex II of MARPOL 73/78° and IBC Code	
N/A	

15. REGULATORY INFORMATION

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

Country	Notification
Canada	Not regulated
EU	See EU Allergens in Section 3
Hong Kong	Not regulated
Singapore	Not regulated
USA	California Prop. 65 Components This contains chemicals known to the State of California to cause cancer, birth defects, and/or reproductive harm. See Section 3 for details.
15.2 Chemical safety assessment	
No additional information available.	

16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	H317: May cause an allergic skin reaction.
Other Information	None found

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

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