

SAFETY DATA SHEET

Version 1	Total Pages: 9
Issue Date 11/28/2017	Revision Date: N/A

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifiers:

Product name:	Valerian Oil, India
CAS Number:	8008-88-6
Product Item Code	138

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Identified uses:	Manufacturing
------------------	---------------

1.3 Details of the supplier of the safety data sheet:

Company Name:	Appalachian Valley Natural Products
Company Address:	260 Maple St Friendsville MD 21531
Company Telephone:	(301)746-4630
Company Fax:	(301)746-4633

1.4 Emergency telephone number:

24-Hour Emergency Number:	(800)255-3924 (ChemTel)
International Emergency Number:	(813)248-0585 (ChemTel)

SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE CHEMICAL IN ACCORDANCE WITH PARAGRAPH (d) §1910.1200: No data

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):

Flammable liquids (Category 4)	H227
Skin irritation (Category 3)	H316
Eye irritation (Category 2A)	H319
Skin sensitization (Category 1)	H317
Aspiration Hazard (Category 1)	H304
Aquatic Toxicity – Acute (Category 2)	H401
Aquatic Toxicity – Chronic (Category 2)	H411

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements:

Pictograms:



Property of Appalachian Valley Natural Products
PO Box 515
Friendsville MD 21531

Signal Word:	DANGER
--------------	---------------

Hazard Statement (s):

H227	Combustible Liquid
H304	May be fatal if swallowed and enters airways.
H316	Causes mild skin irritation
H317	May cause allergic skin reactions
H319	Causes serious eye irritation
H401	Very toxic to aquatic life.
H411	Very toxic to aquatic life with long-lasting effects.

Precautionary Statement(s):

P210	Keep away from heat/sparks/open flames/hot surfaces-No Smoking
P233	Keep container tightly closed.
P235	Keep cool
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash skin thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection
P321	Specific treatment (See supplemental first aid instructions on this label).
P331	Do not induce vomiting.
P362	Take off contaminated clothing and wash before reuse
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P303 + P361 + P353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P370 + P378	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
P405	Store locked up.
P403 + P235	Store in well-ventilated place. Keep cool.
P501	Dispose of contents/container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS:

None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Name:	Valerian Oil
Synonyms:	<i>Valeriana officinalis</i>
CAS Number:	8008-88-6

Hazardous Component(s):

Component:	Valerian Oil
Classification:	Summary of Section 2.1 (Flam. Liq. 4; Skin Irrit. 3; AH 1; EDI 2A; SS 1; Aquatic Acute 2; Aquatic Chronic 2; H227; H304; H315, H317, H319, H401, H411)
Concentration:	</=100%

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

General advice:	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If inhaled:	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician
In case of skin contact:	Wash off with soap and plenty of water. Consult a physician.
In case of eye contact:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed:	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most Important symptoms and effects, both acute and delayed:

The most important known symptoms and effects are described in the labeling (see Section 2.2 and/or Section 11).

4.3 Indication of any immediate medical attention and special treatment needed:

No data available

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 UNSUITABLE EXTINGUISHING MEDIA: Do not use a solid water stream as it may scatter and spread fires.

Property of Appalachian Valley Natural Products

PO Box 515

Friendsville MD 21531

No data available

5.3 Advice for firefighters:

Wear self-contained breathing apparatus for firefighting if necessary

5.4 Further information:

No data available

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see Section 8.

6.2 ENVIRONMENTAL PRECAUTIONS: Prevent further leakage or spillage if safe to do so. Do not contaminate water.

Prevent further leakage of spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up:

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections:

For disposal see Section 13.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING:

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition – No smoking. Take measures to prevent the build up of electrostatic charge. For precautions see Section 2.2.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Store in a cool place. Keep container tightly closed in a dry and well-ventilated place. Containers that are opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific end use(s):

Apart from the uses mentioned in Section 1.2 no other specific uses are stipulated.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Components with workplace control parameters:

To the best of our knowledge, contains no substances with occupational exposure limit values.

Property of Appalachian Valley Natural Products

PO Box 515

Friendsville MD 21531

8.2 Exposure controls:

Appropriate engineering controls:

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

Person protective equipment:

Eye/Face Protection:	Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).
Skin Protection:	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Body Protection:	Complete suit protecting against chemicals, flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection:	Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance:	Colorless to Yellow, Mobile liquid.
Odor:	Floral, Fresh, Bitter
Odor threshold:	No data available
pH:	No data available
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flash point:	75° C
Evaporation rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	No data available
Vapor Pressure:	No data available
Vapor density:	No data available
Relative density:	No data available

*Property of Appalachian Valley Natural Products
PO Box 515
Friendsville MD 21531*

Water solubility:	No data available
Partition coefficient:n-octanol/water:	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity:	No data available
Explosive properties:	No data available
Oxidizing properties:	No data available

9.2 Other safety information:

No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No data available

10.2 Chemical stability:

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions:

No data available

10.4 Conditions to avoid

Heat, flames, and sparks

10.5 Incompatible materials:

Strong oxidizing agents

10.6 Hazardous decomposition products:

No data available. In the event of fire see Section 5.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

Acute toxicity:	Inhalation –No data available Eye contact –No data available Skin contact –No data available Ingestion – No data available
Skin Corrosion/irritation:	No data available
Eye damage/irritation:	No data available
Germ cell mutagenicity:	No data available
	<u>IARC</u> : No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.

*Property of Appalachian Valley Natural Products
PO Box 515
Friendsville MD 21531*

Carcinogenicity:	<u>ACGIH</u> : No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. <u>NTP</u> : No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. <u>OSHA</u> : No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA
Reproductive toxicity:	No data available
Specific target organ toxicity-single exposure	No data available
Specific target organ toxicity-related exposure	No data available
Aspiration hazard:	No data available
Additional information:	No data available

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

No data available

12.2 Persistence and degradability:

No data available

12.3 Bioaccumulative potential:

No data available

12.4 Mobility in soil:

No data available

12.5 Results of PBT and vPvB assessment:

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

12.6 Other adverse effects:

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Product:

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material

Contaminated packaging:

Property of Appalachian Valley Natural Products
PO Box 515
Friendsville MD 21531

Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION	
DOT (US)	UN number: 3082 Class: 9 Packaging group: III Proper shipping name: Environmentally Hazardous Substance, Liquid, n.o.s. (Valerian Root Oil) Poison inhalation hazard: No
IMDG	UN number: 3082 Class: 9 Packaging group: III EMS. No: F-A, S-F Proper shipping name: Environmentally Hazardous Substance, Liquid, n.o.s. (Valerian Root Oil)
IATA	UN number: 3082 Class: 9 Packaging group: III Proper shipping name: Environmentally Hazardous Substance, Liquid, n.o.s. (Valerian Root Oil)

SECTION 15: Regulatory Information (non-mandatory)

15.1 NATIONAL AND/OR REGIONAL REGULATORY INFORMATION:

SARA 302 Components	No chemicals in the material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 Components	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Sections 313.
SARA 311/312 Hazards	Acute Health Hazard
Massachusetts Right To Know Components	No components are subject to the Massachusetts Right To Know Act
Pennsylvania Right To Know Components	No components are subject to the Pennsylvania Right To Know Act
New Jersey Right To Know Components	No components are subject to the New Jersey Right To Know Act
California Prop. 65 Components	This product does not contain any chemicals know to the State of California to cause cancer, birth defects or any other reproductive harm.

SECTION 16: OTHER INFORMATION

Full text of H-Statements referred to under Sections 2 and 3:

Flam. Liq.	Flammable liquid
Skin Irrit.	Skin irritation
AH	Aspiration hazard
EDI	Eye Damage/Irritation
SS	Skin Sensitization
Aquatic Acute	Acute aquatic toxicity
Aquatic Chronic	Chronic aquatic toxicity
H227	Combustible liquid
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation

Property of Appalachian Valley Natural Products

PO Box 515
Friendsville MD 21531

H401	Flammable liquid and vapors
H411	Toxic to aquatic life with long lasting effects.

HMIS Rating:

Health hazard:	2
Flammability	2
Physical hazard	0

NFPA Rating:

Health hazard	2
Fire hazard	2
Reactivity hazard	0

Further information: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Appalachian Valley shall not be held liable for any damage resulting from handling or from contact with the above product.

*This document is the Property of Appalachian Valley Natural Products
260 Maple St Friendsville MD 21531*