

SAFETY DATA SHEET
ANATOLIAN CRUDE PINE WOOD VINEGAR

According to Regulation (EU) No 2015/830

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Chemical characterization

Description: Crude wood vinegar.

3.2 Mixtures

Name	EC No.	CAS No.	Content	Classification (EC 1272/2008)
Wood vinegar	-	-	67 %	Skin Sens.1-H317

The full text for all hazards statements are displayed in Section 16.

Composition comments

The data shown are in accordance with the latest EC Directives.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation

Get medical attention if any discomfort continues.

Ingestion

Rinse mouth thoroughly. Get medical attention. Contact physician immediately if larger quantity has been consumed.

Skin contact

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention if any discomfort continues.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation	High concentrations may cause headache.
Ingestion	May cause indisposition.
Skin contact	Prolonged skin contact may cause skin irritation.
Eyes contact	May cause stinging.

4.3 Indication of any immediate medical attention and special treatment needed

No specific treatment. Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

This product is not flammable. Extinguish with foam, carbon dioxide, dry powder or water fog.

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Do not use a solid water stream as it may scatter and spread fire.

5.2 Special hazards arising from the substance or mixture

Specific hazards

In case of fire, toxic gases may be formed: Carbon monoxide (CO), carbon dioxide (CO₂).

5.3 Advice for firefighters

Special firefighting procedures

Avoid breathing fire vapours. Move container from fire area if it can be done without risk.

If possible, fight fire from protected position.

Protective equipment for fire-fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Face mask, protective gloves and safety helmet.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes.

6.2 Environmental precautions

Prevent discharge of significant quantities into drains and water courses.

6.3 Methods and material for containment and cleaning up

Cleaning method

Absorb with vermiculite, dry sand or earth.

6.4 Reference to other sections

For personal protection see section 8.

See section 11 for additional information on health hazards.

For waste disposal see section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Wear prescribe personal protective equipment.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed original container.

7.3 Specific end use(s)

The identified uses of this product is explained in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

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There are no occupational limit values for wood vinegar.

DNEL/PNEC

Summary of management measures, human No information available.

Summary of management measures, environment No information available.

8.2 Exposure controls

Protective equipment

Goggle, glove, protective clothing.

Process conditions

Provide eyewash and quick drench.

Engineering measures

Provide adequate ventilation. Avoid contact with skin and eyes.

Respiratory equipment

If ventilation is insufficient, suitable respiratory protection must be provided.

Hand protection

Use suitable protective gloves made from neoprene or nitrile rubber or PVC coated gloves if risk of skin contact exists. The most suitable glove must be chosen in consultation with glove supplier, who can inform about the breakthrough time of the glove material.

Eye protection

Wear tight fitting safety goggles where there is danger of eye contact.

Hygiene measures

Wash hands after contact. Change work clothing daily before leaving work place.

Wash contaminated clothing before reuse. When using do not eat, drink or smoke.

Skin protection

Wear apron or protective clothing in case of splashes.

Environmental Exposure Controls

Please act in accordance with local and national laws.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES
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9.1 Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Slight brownish.
Odour	Characteristics.
Odour limit	Not applicable.
Solubility	Miscible with water.
Melting point/melting range	Not applicable.

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Boiling point/boiling range	90-150°C
pH value	4
Flash point	None.
Evaporation rate	No data available.
Vapour pressure	No data available.
Specific gravity	1030 kg/m ³
Partition coefficient (N-octanol/water)	No data available.
Spontaneous combustibility	No data available.

9.2 Other information

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

The chemical is stable at the given use and storing conditions.

10.2 Chemical stability

Stable with normal handling.

10.3 Possibility of hazardous reactions

Not expected.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

Oxidizing agents.

10.6 Hazardous decomposition products

None under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION
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11.1 Information on toxicological effects

No data that shows mutagenic, carcinogenic or reproductive toxicity effects.

Potential acute effects

Inhalation	High concentrations may cause headache.
Skin contact	Prolonged skin contact may cause skin irritation.
Eye contact	May cause stinging.
Ingestion	May cause indisposition.

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Delayed effects/repeated exposure

Sensitization May cause sensitization by skin contact.

Carcinogenic, Mutagenic or Reprotoxic

Carcinogenicity Wood vinegar is not classified as carcinogen.

Teratogenic properties No data available.

Reproductive toxicity No data available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Not regarded as dangerous for the environment.

12.2 Persistence and degradability

Not readily degradable.

12.3 Bio accumulative potential

No data available.

12.4 Mobility in soil

Mobility Expected to have relatively low mobility in soil.

Water solubility Miscible with water.

12.5 Results of PBT and vPvB substances

This product does not contain any PBT or vPvB substances.

12.6 Other adverse effects

None.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not allow runoff to sewer or waterway. Dispose of waste and residues in accordance with local authority requirements. Contact specialist disposal companies.

Environmental manager must be informed of all major spillages.

SECTION 14: TRANSPORT INFORMATION

General This product is not covered by international regulation on the transport of dangerous goods.
(IMDG, IATA, ADR/RID).

14.1 UN Number Not applicable.

14.2 UN proper shipping name Not applicable.

14.3 Transport hazard class (es)

Transport Labels No transport warning sign required.

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14.4 Packing group Not applicable.

14.5 Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant No.

14.6 Special precautions for user Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: REGULATORY INFORMATION

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

EU Legislation

*Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) (as amended).

*Regulation (EC) No of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Hazard Statements in Full

H317 May cause an allergic skin reaction.

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g.akin@ildeskimya.com Tel. +90 262 6413091

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