SAFETY DATA SHEET
ANATOLIAN CRUDE PINE WOOD VINEGAR
According to Regulation (EU) No 2015/830

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier
Product name: ANATOLIAN CRUDE PINE WOOD VINEGAR

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

1.3 Details of the supplier of the safety data sheet
Manufacturer: SELÇUK ÜNAL
Alaçatı Mah. 16131 Sok. No:1
Çeşme-İzmir/Turkey
Contact Person: Selçuk Ünal +90 232 3704870

1.4 Emergency telephone number
+90 232 3704870

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
Classification (EC) 1272/2008
Physical Hazards: Not Classified
Health Hazards: Skin Sens. 1 – H317
Environmental hazards: Not classified.

2.2 Label elements
Label in accordance with (EC) No. 1272/2008: None.
Signal word: None.
Contains: 67% of wood vinegar plus 33% of water.

Hazard statements
H317: May cause an allergic skin reaction.

Precautionary statements
P102: Keep out of reach of children.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352: IF ON SKIN: Wash with plenty of water.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P501: Dispose of contents/container in accordance with national regulations.

2.3 Other hazards
This product does not contain any PBT or vPvB substances.
VOC: Maximum content of VOC :<100 g/l.
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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Chemical characterization
Description: Crude wood vinegar.

3.2 Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS No.</th>
<th>Content</th>
<th>Classification (EC 1272/2008)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood vinegar</td>
<td>-</td>
<td>-</td>
<td>67 %</td>
<td>Skin Sens.1-H317</td>
</tr>
</tbody>
</table>

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.

Eye 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.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**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/m³
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

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


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.

Issued by
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