



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

- 1.1 Product identifier**
Commercial Product Name
PUUTERVA
HAUTATERVA
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Recommended use
Wood protection.
- 1.3 Details of the supplier of the safety data sheet**
Supplier
Uulatuote Oy
- Street address** Yttiläntie 265
Postcode and post office 32920 Kauvatsa
Finland
- Telephone** +358 10 820 0020
Telefax +358 2-529 5011
Business ID FI02264544
Email uula@uula.fi
- 1.4 Emergency telephone number**
United Kingdom of Great Britain and Northern Ireland:
National Poisons Information Service
+ 8 448 920 111, 24 hrs
Ireland: Dublin
+353 1 809 2166 (public). 24hrs
Malta:
+356 2545 0000/ +356 2545 6504

SECTION 2. HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**
This mixture is not classified as dangerous according to Directive 1999/45/EC. The product is not classified as dangerous according to Regulation (EC) No. 1272/2008.
- 2.2 Label elements**
None.
- 2.3 Other hazards**
No information available.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

- 3.2 Mixtures**
The product contains no substances classified as hazardous to health in concentrations which should be taken into account according to EC directives.
- Hazardous components**
- | CAS | EINECS | Chemical name of the substance | Concentration | Classification |
|---|-----------|--------------------------------|---------------|----------------|
| Contains no hazardous components | | | | |
| No hazardous goods: | | | | |
| 8011-48-1 | 232-374-8 | Pine Tar | 100 % | - |



- 3.3 Other information**
Contain tall oil pitch, rosin acids, neutral matters such as fatty alcohols and phytosterin and a small amounts of terpenes. (< 2 %)
REACH-registration number: 05-2118101461-65-000

SECTION 4. FIRST AID MEASURES

- 4.1 Description of first aid measures**
- Inhalation**
If breathed in, move person into fresh air. Keep patient warm and at rest.
- Skin contact**
In case of contact, immediately flush skin with soap and plenty of water.
- Eye contact**
Rinse immediately with plenty of lukewarm water, also under the eyelids, for at least 15 minutes.
- Ingestion**
If large quantities of this material are swallowed, call a physician immediately.
- 4.2 Most important symptoms and effects, both acute and delayed**
No information available.
- 4.3 Indication of immediate medical attention and special treatment needed**
Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

- 5.1 Extinguishing media**
- Suitable extinguishing media**
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.2 Special hazards arising from the substance or mixture**
Burning produces noxious and toxic fumes.
- 5.3 Advice for firefighters**
Wear self-contained breathing apparatus and protective suit.
- 5.4 Specific methods**
Combustible material. Not flammable.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures**
Use personal protective equipment.
- 6.2 Environmental precautions**
The product should not be allowed to enter drains, water courses or the soil.
- 6.3 Methods and materials for containment and cleaning up**
Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
- 6.4 Reference to other sections**
For personal protection see section 8.

SECTION 7. HANDLING AND STORAGE

- 7.1 Precautions for safe handling**
Avoid prolonged contact with eyes, skin and clothing.
- 7.2 Conditions for safe storage, including any incompatibilities**
Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.



- 7.3 Specific end use(s)**
No information available.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**
Contains no substances with occupational exposure limit values.
Other information on limit values
No information available.
DNELs
No information available.
PNECs
No information available.
- 8.2 Exposure controls**
Appropriate engineering controls
Provide adequate ventilation.
Individual protection measures
Respiratory protection
In case of insufficient ventilation, wear suitable respiratory equipment.
Hand protection
Protective gloves: Nitrile rubber, butyl-rubber
Eye/face protection
Safety glasses with side-shields.
Skin protection
Long sleeved clothing.
Environmental exposure controls
The product should not be allowed to enter drains, water courses or the soil.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Important Health Safety and Environmental Information**
- | | |
|---|---|
| Appearance | viscous liquid, dark golden brown |
| Odour | strong |
| Odour threshold | no data available |
| pH | ~5 (concentrate) |
| Melting point/freezing point | no data available |
| Initial boiling point and boiling range | 150-400°C |
| Flash point | 80-120°C |
| Evaporation rate | no data available |
| Flammability (solid, gas) | no data available |
| Explosive properties | |
| Lower explosion limit | no data available |
| Upper explosion limit | no data available |
| Vapour pressure | no data available |
| Vapour density | no data available |
| Relative density | 1.020-1.060 kg/m ³ /20°C |
| Solubility(ies) | |
| Water solubility | insoluble in water, soluble in: organic solvents, alcohol |
| Fat solubility (solvent - oil to be specified) | 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
Oxidising properties	no data available

9.2 Other information
No information available.

SECTION 10. STABILITY AND REACTIVITY

- 10.1 Reactivity**
Stable under recommended storage conditions.
- 10.2 Chemical stability**
Stable under recommended storage conditions.
- 10.3 Possibility of hazardous reactions**
No information available.
- 10.4 Conditions to avoid**
No information available.
- 10.5 Incompatible materials**
No information available.
- 10.6 Hazardous decomposition products**
No information available.

SECTION 11. TOXICOLOGICAL INFORMATION

- 11.1 Information on toxicological effects**
- Acute toxicity**
No data is available on the product itself.
- Irritation and corrosion**
Long-term exposure may cause skin and eye irritation. Ingestion may cause nausea.
- Sensitisation**
No information available.
- Subacute, subchronic and prolonged toxicity**
No information available.
- STOT-single exposure**
No information available.
- STOT-repeated exposure**
No information available.
- Aspiration hazard**
No information available.
- Other information on acute toxicity**
No information available.

SECTION 12. ECOLOGICAL INFORMATION

- 12.1 Toxicity**
- Aquatic toxicity**
No data is available on the product itself.



Toxicity to other organisms

No information available.

12.2 Persistence and degradability

Biodegradation

No information available.

Chemical degradation

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of wastes in an approved waste disposal facility. Empty containers can be landfilled, when in accordance with the local regulations.

SECTION 14. TRANSPORT INFORMATION

14.1 UN number

Not classified as dangerous for conveyance in the meaning of the regulations for the transport of dangerous goods by road and rail.

14.2 UN proper shipping name

-

14.3 Transport hazard class(es)

-

14.4 Packing group

-

14.5 Environmental hazards

-

14.6 Special precautions for users

No information available.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No information available.

SECTION 15. REGULATORY INFORMATION

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

None.

15.2 Chemical safety assessment

No information available.

SECTION 16. OTHER INFORMATION

16.1 Additions, Deletions, Revisions

Version 1.0.

16.2 Key or legend to abbreviations and acronyms



- **CLP** - Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging
- **DNEL** - No observed adverse effect level
- **PNEC** - Predicted No Effect Concentration
- **PBT** - persistent, bioaccumulating and toxic.
- **vPvB** - very persistent and very bioaccumulating.

16.3 Key literature references and sources for data

REGULATION (EC) No 1272/2008, Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, Annex VI, Table 3.2. Safety data sheet from manufacturer.

16.4 Classification procedure

Classification according to EU Directives 67/548/EEC or 1999/45/EC, REGULATION (EC) No 1272/2008, Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, Annex VI, Table 3.2

16.6 Additional information available from:

Uulatuote Oy, phone +358 10 820 0020