



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

- 1.1 Product identifier**  
**Commercial Product Name**  
UULA-PUUNSUOJAÖLJY
- Substances: Naphtha (petroleum), hydrotreated heavy, 3-Iodo-2-propynyl butyl carbamate, 2-octyl-2H-isothiazolin-3-one  
CAS-No. : 64742-48-9, 55406-53-6, 26530-20-1
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**  
**Recommended use**  
Wood preservative
- 1.3 Details of the supplier of the safety data sheet**  
**Supplier**
- |                                 |                           |
|---------------------------------|---------------------------|
|                                 | Uulatuote Oy              |
| <b>Street address</b>           | Yttiläntie 265            |
| <b>Postcode and post office</b> | 32920 Kauvatsa<br>Finland |
| <b>Telephone</b>                | +358 10 820 0020          |
| <b>Telefax</b>                  | +358 2-529 5011           |
| <b>Business ID</b>              | FI02264544                |
| <b>Email</b>                    | 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

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

- 2.1 Classification of the substance or mixture**  
**1272/2008 (CLP)**  
Asp. Tox. 1, H304  
Skin Sens. 1, H317  
EUH066  
**67/548/EEC - 1999/45/EC**  
Xi; R43-66
- 2.2 Label elements**  
**1272/2008 (CLP)**  
GHS07 - GHS08  
Signal word **Danger**
- Hazard Statements**  
H304 May be fatal if swallowed and enters airways.  
H317 May cause an allergic skin reaction.  
EUH066 Repeated exposure may cause skin dryness or cracking.
- Precautionary Statements**  
P102 Keep out of reach of children.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.





P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

### 2.3 Other hazards

EUH208 Contains 2-octyl-2H-isothiazolin-3-one, 3-iodo-2-propynyl butyl carbamate. May produce an allergic reaction.

Volatile. Inhalation of vapors may cause headache, dizziness and nausea. May cause sensitization by skin contact.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

#### Hazardous components

CAS	EINECS	Chemical name of the substance	Concentration	Classification
64742-48-9	265-150-3	Naphtha (petroleum), hydrotreated heavy	~33 %	Xn; R65; R66; Asp. Tox. 1, H304; EUH066; Note P.
112-34-5	203-961-6	2-(2-butoxyethoxy)ethanol	0,7 %	Xi; R36; Eye Irrit. 2, H319
55406-53-6	259-627-5	3-Iodine-2-propynyl butyl carbamate	0,25 %	N; R50; Xi; R37; R41; R43; Xn; R20/22 Acute Tox. 4, H302; Acute Tox. 4, H332; Aquatic Acute 1, H400; Eye Dam. 1, H318; Skin Sens. 1, H317; STOT SE 3, H335
26530-20-1	247-761-7	2-octyl-2H-isothiazol-3-one	0,05 %	T; R23/24; Xn; R22; C; R34; R43; N; R50-53; Acute Tox. 3, H331; Acute Tox. 3, H311; Acute Tox. 4, H302; Skin Corr. 1B, H314; Skin Sens. 1, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410

### 3.3 Other information

CAS 64742-48-9: REACH Registration Number 01-2119457273-39-XXXX.

CAS 112-34-5: REACH Registration Number 01-2119475104-44-XXXX.

Note P: The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7). This note applies only to certain complex coal- and oil-derived substances in Part 3.

For the full text of the R-phrases mentioned in this Section, see Section 16.

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

#### Inhalation

If breathed in, move person into fresh air. Keep patient warm and at rest. Oxygen or artificial respiration if needed. Call a physician.

#### Skin contact

In case of contact, immediately flush skin with soap and plenty of water. Remove contaminated clothing. If irritation develops, get medical attention.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids. Remove contaminated clothing. If irritation develops, get medical attention.

**Ingestion**

Do NOT induce vomiting. Aspiration hazard if swallowed - can enter lungs and cause damage. Get medical attention.

**4.2 Most important symptoms and effects, both acute and delayed**

Aspiration hazard if swallowed - can enter lungs and cause damage. Get medical attention.

**4.3 Indication of immediate medical attention and special treatment needed**

No information available.

## SECTION 5. FIREFIGHTING MEASURES

**5.1 Extinguishing media****Suitable extinguishing media**

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

**Extinguishing media which must not be used for safety reasons**

Water spray

**5.2 Special hazards arising from the substance or mixture**

Burning produces noxious and toxic fumes.

**5.3 Advice for firefighters**

In the event of fire, wear self-contained breathing apparatus.

**5.4 Specific methods**

Discharge into the environment must be avoided.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Keep people away from and upwind of spill/leak. Do not enter confined spaces unless adequately ventilated. Keep away from open flames, hot surfaces and sources of ignition.

**6.2 Environmental precautions**

Try to prevent the material from entering drains or water courses.

**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). Dispose of oily cotton waste, rags by burning or watering before discarding in the trash because of linseed-oli self-ignition risk.

**6.4 Reference to other sections**

Refer to protective measures listed in sections 7 and 8.

## SECTION 7. HANDLING AND STORAGE

**7.1 Precautions for safe handling**

Ensure adequate ventilation, especially in confined areas. Avoid breathing vapours, mist or gas. Keep away from sources of ignition - No smoking. Wear personal protective equipment. Do not get on skin.

**7.2 Conditions for safe storage, including any incompatibilities**

Keep tightly closed in a dry, cool and well-ventilated place. Keep away from fire, sparks and heated surfaces.

**7.3 Specific end use(s)**

No information available.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1 Control parameters****Threshold limits**

64742-48-9	Naphtha (petroleum), hydrotreated heavy	900 mg/m <sup>3</sup> (8 h)	1200 mg/m <sup>3</sup> (15 min)
112-34-5	2-(2-butoxyethoxy)ethanol	10 ppm (8 h)	68 mg/m <sup>3</sup> (8 h)

**Other information on limit values**

Naphtha (petroleum), hydrotreated heavy:

TWA = 1200 mg/m<sup>3</sup> (184 ppm), ExxonMobil (2000)

**DNELs**

No information available.

**PNECs**

No information available.

**8.2 Exposure controls****Appropriate engineering controls**

Apply technical measures to comply with the occupational exposure limits. Avoid breathing vapours, mist or gas. Do not get on skin or clothing.

**Individual protection measures****Respiratory protection**

In case of insufficient ventilation, wear suitable respiratory equipment. Respiratory protection complying with EN 141. Respirator with filter for organic vapour, Type: A.

**Hand protection**

Protective gloves complying with EN 374. Protective gloves: Nitrile rubber

**Eye/face protection**

If splashes are likely to occur, wear: Tightly fitting safety goggles.

**Skin protection**

Long sleeved clothing PPE27 - Wear suitable coveralls to prevent exposure to the skin.

**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**

<b>Appearance</b>	Liquid, clear
<b>Odour</b>	aliphatic
<b>Odour threshold</b>	no data available
<b>pH</b>	no data available
<b>Melting point/freezing point</b>	no data available
<b>Initial boiling point and boiling range</b>	180 - 217°C (heavy naphtha).
<b>Flash point</b>	> 60°C (heavy naphtha)
<b>Evaporation rate</b>	no data available
<b>Flammability (solid, gas)</b>	no data available
<b>Explosive properties</b>	
<b>Lower explosion limit</b>	0,6 % vol
<b>Upper explosion limit</b>	7 % vol
<b>Vapour pressure</b>	no data available
<b>Vapour density</b>	no data available
<b>Relative density</b>	no data available
<b>Solubility(ies)</b>	
<b>Water solubility</b>	no data available
<b>Fat solubility (solvent - oil to be specified)</b>	no data available



<b>Partition coefficient: n-octanol/water</b>	no data available
<b>Auto-ignition temperature</b>	no data available
<b>Decomposition temperature</b>	no data available
<b>Viscosity</b>	Flow time: 39 s (Flow cup ISO 2431 3 mm)
<b>Explosive properties</b>	no data available
<b>Oxidising properties</b>	no data available
<b>9.2 Other information</b>	no data available

## SECTION 10. STABILITY AND REACTIVITY

- 10.1 Reactivity**  
No dangerous reaction known under conditions of normal use.
- 10.2 Chemical stability**  
Stable under normal conditions.
- 10.3 Possibility of hazardous reactions**  
No dangerous reaction known under conditions of normal use.
- 10.4 Conditions to avoid**  
Heat, flames and sparks. Keep away from direct sunlight.
- 10.5 Incompatible materials**  
Strong oxidizing agents.
- 10.6 Hazardous decomposition products**  
In case of fire hazardous decomposition products may be produced such as: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

## SECTION 11. TOXICOLOGICAL INFORMATION

- 11.1 Information on toxicological effects**
- Acute toxicity**  
No information available.
- Irritation and corrosion**  
Repeated exposure may cause skin dryness or cracking.
- Sensitisation**  
May cause allergic skin reaction.
- Subacute, subchronic and prolonged toxicity**  
No information available.
- STOT-single exposure**  
No information available.
- STOT-repeated exposure**  
No information available.
- Aspiration hazard**  
Aspiration hazard if swallowed - can enter lungs and cause damage.
- Other information on acute toxicity**  
Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Smallest quantities reaching the lungs through swallowing or subsequent vomiting may result in lung oedema or pneumonia.

## SECTION 12. ECOLOGICAL INFORMATION

- 12.1 Toxicity**

**Aquatic toxicity**

No information available.

**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. Dispose of as hazardous waste in compliance with local and national regulations. Empty containers can be landfilled, when in accordance with the local regulations.

**SECTION 14. TRANSPORT INFORMATION**

- |             |   |  |
|-------------|---|--|
| <b>14.1</b> | <b>UN number</b>  | Not classified as dangerous in the meaning of transport regulations. |
| <b>14.2</b> | <b>UN proper shipping name</b>  | -  |
| <b>14.3</b> | <b>Transport hazard class(es)</b>   | -  |
| <b>14.4</b> | <b>Packing group</b>  | -  |
| <b>14.5</b> | <b>Environmental hazards</b>  | -  |
| <b>14.6</b> | <b>Special precautions for users</b>  | No information available.  |
| <b>14.7</b> | <b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b> | No information available.  |

**SECTION 15. REGULATORY INFORMATION**

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
WEL substance: Avoid exceeding of the given occupational exposure limits (see section 8).
- 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. Material Safety Data Sheet: UULA-PUUNSUOJAÖLJY Print Date 28.5.2010. Information and analyzes from different raw material manufacturers.

### 16.4 Classification procedure

REGULATION (EC) No 1272/2008 Classification according to Regulation (EU) 1272/2008 with the correlation table 67/548/EEC or 1999/45/EC (Annex VII of CLP).

### 16.5 List of relevant R phrases, hazard statements, safety phrases and/or precautionary statements

R20/22	Harmful by inhalation and if swallowed.
R22	Harmful if swallowed.
R23/24	Toxic by inhalation and in contact with skin.
R34	Causes burns.
R36	Irritating to eyes.
R37	Irritating to respiratory system.
R41	Risk of serious damage to eyes.
R43	May cause sensitization by skin contact.
R50	Very toxic to aquatic organisms.
R53	May cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

### 16.6 Additional information available from:

Provide adequate information, instruction and training for operators. Take notice of labels and material safety data sheets for the working chemicals.