

VALTTI PUUÖLJY AKVA (Wood Oil Akva)

Date 29.5.2009

Previous date: 20.5.2005

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**1.1 Identification of the article****1.1.1 Commercial Product Name**

VALTTI PUUÖLJY AKVA (Wood Oil Akva)

1.1.2 Product code

256 -series

1.2 Use of the Substance/Preparation**1.2.1 Intended use**

Painting work

Description: Water-borne wood oil emulsion.

1.3 Identification of the company**1.3.1 Supplier**

Tikkurila Oy

1.3.2 Contact information:**P.O.Box**

P.O.Box 53

Postcode and post office

FI-01301 VANTAA

FINLAND

Telephone

+358 9 857 71

Telefax

+358 9 8577 6936

1.3.4 Responsible for the Safety Data Sheet:

Tikkurila Oy, Product Safety, e-mail: productsafety@tikkurila.com

1.4 Emergency telephone number**1.4.1 Telephone number, name and address**

Tikkurila Oy, Environment and Safety: +358 9 857 71

2. HAZARDS IDENTIFICATION

The product is not classified as dangerous.

3. COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Hazardous components****3.1.1****CAS number****EINECS****3.1.2****Chemical name of the substance****3.1.3****Concentration****3.1.4****Classification**

55406-53-6

259-627-5

3-Iodo-2-propynyl butyl carbamate

< 1 %

Xn, N; R20/22-41-50

68409-81-4

270-066-5

Cobalt salt

< 1 %

Xn, N; R22-38-43-51/53

1336-21-6

215-647-6

Ammonia

< 0,5 %

C, N; R34-50

4. FIRST AID MEASURES**4.1 Additional advice**

4.2 Inhalation

4.3 Skin contact

Wash skin thoroughly with soap and water or use recognized skin cleanser.

4.4 Eye contact

Irrigate copiously with clean, fresh water for at least 10 minutes.

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4.5 Ingestion

If accidentally swallowed, drink water or milk. Obtain medical attention, when necessary.

5. FIRE-FIGHTING MEASURES**5.1 Suitable extinguishing media**

5.2 Extinguishing media which must not be used for safety reasons

5.3 Specific hazards

6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions**

6.2 Environmental precautions

Do not allow to enter drains or water courses.

6.3 Methods for cleaning up

Contain and collect spillage with absorbent materials, e.g. sand or vermiculite and place in a container for disposal according to local regulations. Clean with a detergent and water.

Note! Products containing oxidative drying oil or alkyd (linseed oil varnish, alkyd paints and -lacquers) have a possibility of auto-ignition in porous materials damped by the product. This kind of waste must be collected and stored e.g. in water before disposal or incinerated immediately.

7. HANDLING AND STORAGE**7.1 Handling**

Avoid skin and eye contact.

7.2 Storage

Keep containers tightly closed. Store in a dry place. Do not allow to freeze.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**8.1 Exposure Limit Values****8.1.1 Occupational exposure limit values**

Ammonia 25 ppm (8 h)

8.1.2 Information on limit values

TLV-TWA = Threshold Limit Values - Time-weighted average / ACGIH 2008

8.2 Exposure controls**8.2.1 Occupational exposure controls**

Provide adequate ventilation. Comply with the health and safety at work laws.

8.2.1.1 Respiratory protection

8.2.1.2 Hand protection

Always wear protective gloves (e.g. nitrile rubber). Barrier creams may also help to protect the exposed areas of the skin.

8.2.1.3 Eye protection

Use safety eyewear designed to protect against splashes of liquids.

8.2.1.4 Skin and body protection

Use suitable protective clothing.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1	General Information (appearance, odour) Coloured, viscous liquid	
9.2	Important Health Safety and Environmental Information	
9.2.2	Boiling point/range	-
9.2.3	Flash point	-
9.2.5	Explosive properties	
9.2.5.1	Lower explosion limit	-
9.2.5.2	Upper explosion limit	-
9.2.7	Vapour pressure	-
9.2.8	Relative density	1,0
9.2.9	Solubility	
9.2.9.1	Water solubility	Soluble

10. STABILITY AND REACTIVITY

10.1	Conditions to avoid ---	
10.2	Materials to avoid ---	
10.3	Hazardous decomposition products Hazardous decomposition products may produce, when exposed to high temperatures.	

11. TOXICOLOGICAL INFORMATION

11.1	Acute toxicity ---	
11.2	Primary irritation ---	
11.3	Sensitisation Contains cobalt salt. May produce an allergic reaction.	
11.5	Human experience 11.5.1 Inhalation: --- 11.5.2 Skin contact: Splashes may cause skin and eye irritation. 11.5.3 Other effects: ---	

12. ECOLOGICAL INFORMATION

12.6	Other adverse effects There is no data available on the preparation itself. The product should not be allowed to enter drains or water courses.	
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13. DISPOSAL CONSIDERATIONS

- 13.1 Product residues: Gather residues into waste containers. Destroy according to the rules given by local authorities. EWC-code for liquid waste is e.g 08 01 11 or 08 01 12 (waste paint and varnish). Risk of self-ignition! Cleaning cloths or sanding dust containing the product can create fire by self-ignition and should therefore be stored in water before disposal, or dried outdoors or incinerated immediately.
- 13.2 Packaging: Empty cans should be recycled or disposed of in accordance with local regulations.

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14. TRANSPORT INFORMATION

14.1	UN No	-
14.2	Packing group	-
14.3	Land transport	
14.3.1	ADR/RID Class	not classified
14.4	Sea transport	
14.4.1	IMDG Class	not classified
14.5	Air transport	
14.5.1	ICAO/IATA Class	not classified

15. REGULATORY INFORMATION

15.1	Information on the warning label	
15.1.1	Letter code of the warning symbol and indications of danger for the preparation	-
15.1.2	Names of the ingredients given on the warning label	-
15.1.3	R-phrase(s)	-
15.1.4	S-phrase(s)	-
15.1.5	Special regulations on certain preparations	Contains cobalt salt. May produce an allergic reaction.

16. OTHER INFORMATION

16.1	Full text of R-phrases referred to under sections 2 and 3	
	R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	R34	Causes burns.
	R20/22	Harmful by inhalation and if swallowed.
	R22	Harmful if swallowed.
	R38	Irritating to skin.
	R41	Risk of serious damage to eyes.
	R43	May cause sensitization by skin contact.
	R50	Very toxic to aquatic organisms.
16.4	Additional information	
		The information of this MSDS is based on the present state of our knowledge and on current EC laws. It is meant as a description of the safety requirements of our product: it is not to be considered as a guarantee of the products' properties.
		Additional information available from: Tikkurila Oy, Product Safety, P.O. Box 53, FIN-01301 VANTAA, FINLAND, Telephone +358 9 857 71, Fax +358 9 8577 6936, E-mail: productsafety@tikkurila.com
	Signature	g/mhj